



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 130612

*Reviewed all results  
SIR 9/2/04*

**TO: Examiner Susanna Diaz**  
**Location: PK5 7T04**  
**Art Unit : 3623**  
**Monday, August 30, 2004**

**From: Ginger Roberts DeMille**  
**Location: EIC 3600**  
**PK5-Suite 804**  
**Phone: 305-5774**

**Case Serial Number: 09/602922**

**Ginger.roberts@uspto.gov**

### Search Notes

Dear Examiner Diaz:

Please find attached the results of your search for 09/602922.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger



Lehman, Karen

From: Unknown@Unknown.com  
Sent: Monday, August 23, 2004 4:24 PM  
To: STIC-EIC3600  
Subject: Generic form response

59

ResponseHeader=Commercial Database Search Request

AccessDB#= 130412

LogNumber= \_\_\_\_\_

Searcher= \_\_\_\_\_

SearcherPhone= \_\_\_\_\_

SearcherBranch= \_\_\_\_\_

MyDate=Mon Aug 23 16:23:34 EDT 2004

submitto=STIC-EIC3600@uspto.gov

Name=Susanna Diaz

Empno=76267

Phone=305-1337

Artunit=3623

Office=Park 5-7T04

Serialnum=09/602,922

PatClass=705/8-10

Earliest=6/23/2000

Format1=paper

Searchtopic=I am looking for the concept of analyzing the efficiency/proficiency of a vehicle repair process. A vehicle is tracked throughout the repair process. A daily target time for working on the repair of a given vehicle is established. If the vehicle is not worked on for at least the time required by the daily target time, then a length of and reason for the delay is determined/identified. In other words,

Searcher: _____	TYPE OF SEARCH:	VENDOR/COST (where applic.)
Phone: _____	Bibliographic: _____	STN: _____
Location: _____	Litigation: _____	DIALOG: _____
Date Picked Up: _____	Full text: _____	Questel/Orbit: _____
Date Completed: _____	Patent Family: _____	Westlaw _____
Searcher Prep/Review: _____	Other: _____	Lexis/Nexis: _____
Clerical: _____		WWW/Internet: _____
Online Time: _____		Other (Specify): _____

? t 00723769/5

**00723769/5**

DIALOG(R) File 95:TEME-Technology & Management  
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00723769 E93114153080

**A heuristic-based CarShop scheduling applications**

(Eine Anwendung einer Betriebsmittelverteilung in einer  
Autoreparaturwerkstatt auf heuristischer Basis)

Srinivasan, V; Fabens, W

Case Western Reserve Univ. Cleveland, USA; B.P. Res., Warrensville, USA  
TAI '92, 4th Int. IEEE Conf. on Tools with Artificial Intelligence,  
Arlington, USA, Nov. 10-13, 19921992

Document type: Conference paper Language: English

Record type: Abstract

ISBN: 0-8186-2907-X

**ABSTRACT:**

Scheduling is a complex process involving several jobs, resources and constraints. In this paper the formulation of a heuristic based carshop scheduling application is described. The CarShop scheduling problem involves scheduling repair jobs on cars, given restrictions on operator availability and other resource/time constraints. The problem is solved by taking an intelligent generate and test approach and extending the simple notion of scheduling- the allocation of resources to tasks over time within constraints defining the system. Dispatch of tasks for scheduling and allocation of resources to them are guided by a set of heuristics. The system is built on a user-extensible knowledge base of rules and heuristics written in Prolog. The emphasis in the system is on providing a flexible AI problem representation and also collecting some empirical results on the performance of different heuristics in the system.

DESCRIPTORS: ARTIFICIAL INTELLIGENCE; EXPERT SYSTEMS; KNOWLEDGE BASES;  
WORKSHOP; BUSINESS ORGANIZATION; COMPLEXITY THEORY; TIME SCHEDULING; LINEAR  
OPTIMIZATION; HEURISTICS; LOGIC PROGRAMMING; HEURISTIC PROGRAMMING;  
RENOVATION

IDENTIFIERS: HEURISTISCHE BETRIEBSMITTELVERTEILUNG;  
Betriebsmittelverteilung; heuristische Optimierung

?

Search Report from Ginger R. DeMille

? .show.files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200455  
(c) 2004 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
(c) 2004 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

File 348:EUROPEAN PATENTS 1978-2004/Aug W03  
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819  
(c) 2004 WIPO/Univentio

File 2:INSPEC 1969-2004/Aug W4  
(c) 2004 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2004/Jul  
(c) 2004 ProQuest Info&Learning

File 65:Inside Conferences 1993-2004/Aug W4  
(c) 2004 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
(c) 2004 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.

File 256:TecInfoSource 82-2004/Jul  
(c)2004 Info.Sources Inc

File 474:New York Times Abs 1969-2004/Aug 29  
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Aug 27  
(c) 2004 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 15:ABI/Inform(R) 1971-2004/Aug 30  
(c) 2004 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2004/Aug 30  
(c) 2004 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2004/Aug 30  
(c)2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/Aug 30  
(c) 2004 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 30  
(c) 2004 The Gale Group

File 9:Business & Industry(R) Jul/1994-2004/Aug 27  
(c) 2004 The Gale Group

File 20:Dialog Global Reporter 1997-2004/Aug 30  
(c) 2004 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2004/Aug 30  
(c) 2004 Financial Times Ltd

File 610:Business Wire 1999-2004/Aug 30  
(c) 2004 Business Wire.

File 613:PR Newswire 1999-2004/Aug 30  
(c) 2004 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2004/Aug 28  
(c) 2004 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 30  
(c) 2004 The Gale Group

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

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(c) 1999 PR Newswire Association Inc.  
File 13:BAMP 2004/Aug W4  
(c) 2004 The Gale Group  
File 75:TGG Management Contents(R) 86-2004/Aug W4  
(c) 2004 The Gale Group  
File 95:TEME-Technology & Management 1989-2004/Jun W1  
(c) 2004 FIZ TECHNIK

Set	Items	Description
S1	795	(TRACK? OR MONITOR? OR RECORD? OR DOCUMENT? OR WRITING OR - WRITE? ?) (5N) (HOW() LONG OR TIME) (5N) (REPAIR? OR FIX?) (5N) (VEH- ICLE? OR CAR OR CARS OR TRUCK? ? OR AUTOMOBILE? ? OR AUTO OR - AUTOMOTIVE? ? OR TRAIN OR TRAINS)
S2	28	S1(20N) (DELAY? ? OR LATE OR BOTTLENECK? ?)
S3	26	RD (unique items)

Search Report from Ginger R. DeMille

? t3/3,k/all

**3/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014249555 \*\*Image available\*\*

WPI Acc No: 2002-070255/200210

XRPX Acc No: N02-051981

**Running control device has delay timer set-value table which stores  
correction sequence step operating-time data and obtains multiplying  
factor as delay monitoring timer set value of sequence monitor**

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001306135	A	20011102	JP 2000116050	A	20000418	200210 B

Priority Applications (No Type Date): JP 2000116050 A 20000418

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001306135	A	17	G05B-023/02	

Abstract (Basic):

... Enables to hold the sequence- **monitor delay monitoring  
time** and the set value for accessory **monitoring** whose sequence  
operating **time** is not **fixed**, from a change of e.g.  
external-environment condition to preferable value by **auto** tuning...

**3/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

002127244

WPI Acc No: 1979-E7175B/197921

**Laser command guidance system for flight vehicle - uses two pulsed laser  
beams, one controlling gating of optical tracker on vehicle to ON state**

Patent Assignee: WESTINGHOUSE ELECTRIC CORP (WESE )

Inventor: RAMPOLLA R W; VANHOOK B O

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4153224	A	19790508				197921 B

Priority Applications (No Type Date): US 76654304 A 19760129

...Abstract (Basic): means of two pulsed laser beams. The desired direction  
is remotely determined and an optical **tracker** on the flight **vehicle**  
is then gated ON by a first pulsed laser beam with a **fixed time**  
**delay** following receipt of a pulse on board the **vehicle**.

**3/3,K/3 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

Search Report from Ginger R. DeMille

01040815 \*\*Image available\*\*

**CAB SIGNAL QUALITY DETECTING AND REPORTING SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE DESTINES A DETECTER ET A RAPPORTER LA QUALITE DES**  
**SIGNAUX DE CABINE**

Patent Applicant/Assignee:

GENERAL ELECTRIC COMPANY, 1 River Road, Schenectady, NY 12345, US, US  
(Residence), US (Nationality)

Inventor(s):

JOHNSON John Hayward, 2429 North East Quail Walk Trail, Blue Springs, MO  
64014, US,

Legal Representative:

HAYDEN Scott (et al) (agent), Patent Counsel, General Electric Company,  
3135 Easton Turnpike (W3C), Fairfield, CT 06828, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200370536 A1 20030828 (WO 0370536)

Application: WO 2003US582 20030109 (PCT/WO US0300582)

Priority Application: US 2002357619 20020215

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9118

Fulltext Availability:

Detailed Description

Detailed Description

... to report trends that could indicate impending failure, such as  
carrier frequency drift in a **track** circuit 128, or coil sensitivity  
drift in a **vehicle** 106. Other statistical reports may include the  
average **time** to **repair** in a given **track** division or locomotive  
shop, or cost of **train delays** caused by **track** circuit problems. In  
a similar manner, historical **records** of **repairs** to a given **track**  
circuit 128 or locomotive 106 may be generated in reports to

3/3,K/4 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00954959 \*\*Image available\*\*

**ALARM APPARATUS AND A METHOD OF COMMUNICATING AND ALARM SIGNAL**  
**SYSTEME D'ALARME ET PROCEDE POUR COMMUNIQUER UN SIGNAL D'ALARME**

Patent Applicant/Inventor:

STEPHENSON Jason, 95 Hough Lane, Bromley Cross, Bolton BL7 9DE, GB, GB  
(Residence), GB (Nationality)

Legal Representative:

NEILL Alastair William (et al) (agent), Appleyard Lees, 15 Clare Road,  
Halifax HX1 2HY, GB,

Search Report from Ginger R. DeMille

Patent and Priority Information (Country, Number, Date):

Patent: WO 200289085 A1 20021107 (WO 0289085)  
Application: WO 2002GB1876 20020426 (PCT/WO GB0201876)  
Priority Application: GB 200110491 20010428; GB 200119667 20010811

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU ~~AZ~~ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6898

Fulltext Availability:

Detailed Description

Detailed Description

... of the  
various options from a menu, for example.

The telephone numbers to ring.

.The **recorded** voice message.

Mode - **fixed** premises or **vehicle** .

Ring out times per number and various **time delays** .  
Software will' be supplied for computers on CD'KOM.

This will include the facility, to...

3/3,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)

DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)

KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US



Search Report from Ginger R. DeMille

(Residence), US (Nationality), (Designated only for: US)  
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US  
(Residence), US (Nationality), (Designated only for: US)  
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US  
(Residence), US (Nationality), (Designated only for: US)  
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US  
(Residence), US (Nationality), (Designated only for: US)  
Legal Representative:  
HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite  
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200267175 A2 20020829 (WO 0267175)  
Application: WO 2001US51437 20011019 (PCT/WO US0151437)  
Priority Application: US 2000694050 20001020  
Parent Application/Grant:  
Related by Continuation to: US 2000694050 20001020 (CIP)  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 243912

Fulltext Availability:  
Detailed Description

Detailed Description

... calls being placed between the insurance company, the rental  
company, and the body shop where **vehicle repair** was being  
performed in order to authorize the rental, select and secure  
the desired replacement **vehicle** to be provided, **monitor** the  
progress of the **repair** work so that scheduling of the rental  
**vehicle** could be controlled, extending the **vehicle** rental in  
the event of delays in **repair**, authorizing various activities  
involved in the rental process including upgrades of **vehicles**  
or other charges for services, and subsequent billing of the  
rental service and processing the...

3/3,K/6 (Item 4 From file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00868224

COMPUTER-IMPLEMENTED VEHICLE REPAIR ANALYSIS SYSTEM

SYSTEME D'ANALYSE INFORMATIQUE CONCERNANT LA REPARATION D'UN VEHICULE

Patent Applicant/Assignee:

BASF CORPORATION, Patent Department, 26701 Telegraph Road, Southfield, MI  
48034-2442, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

430-Aug-0401:28 PM

Search Report from Ginger R. DeMille

BARGNES Guy, 640 Rivard Boulevard, Grosse Pointe, MI 48230, US, US  
(Residence), US (Nationality), (Designated only for: US)  
HOWE John, 3473 Tanglewood Trail, Palm Harbor, FL 34685, US, US  
(Residence), US (Nationality), (Designated only for: US)  
KELLY Charles, 312 Reno Lane, Grosse Pointe Farms, MI 48236, US, US  
(Residence), US (Nationality), (Designated only for: US)  
PIERRE Jean-Claude, Schlossfeld 184, 48308 Senden, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)  
LAVINGTON Chris, 360 Tanglewood Lane, Roseburg, OR 97470, US, US  
(Residence), US (Nationality), (Designated only for: US)  
TORRES Antonio, 213 Finnegan Drive, Millersville, MD 21108, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GOLOTA Mary (et al) (agent), BASF Corporation, 26701 Telegraph Road,  
Southfield, MI 48034-2442, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201453 A2 20020103 (WO 0201453)  
Application: WO 2001US17537 20010531 (PCT/WO US0117537)  
Priority Application: US 2000602922 20000623

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6161

Fulltext Availability:

Detailed Description

Detailed Description

... the source category of the parts.

Data structure 304 includes the date upon which the **vehicle 's repair**  
was completed as well as the final total amount expended to perform the  
**repair** . Thus, data structure 304 not only **tracks** the **vehicle**  
through a multi  
step process, but also performs cycle **time** measurement by noting the  
amount of **time** of **delay** . The present invention performs cycle time  
analysis by providing the reason for the **delay** .

In the preferred embodiment, when a car enters each step, a symbol  
such as a...

3/3,K/7 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00292280

CONTROL OF ENGINE COMPRESSION BRAKES

COMMANDE DE FREIN MOTEUR

530-Aug-0401:28 PM

Search Report from Ginger R. DeMille

Patent Applicant/Assignee:

CUMMINS ELECTRONICS COMPANY INC,

Inventor(s):

WHITE Gregory R,

WEBBER Larry R,

ANDERSON Dean S,

STEEBY Jon A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9510429 A1 19950420

Application: WO 94US11568 19941012 (PCT/WO US9411568)

Priority Application: US 93135175 19931012

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

DE GB AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10032

Fulltext Availability:

Detailed Description

Detailed Description

... 716),

(11) return engine brakes and cruise control to their operational state prior to the **auto** -shift sequence 20 initiation, (step 718), and (12) **delay** a **fixed** period of **time** before attempting another **auto** -shift (step 720).

A number of operational factors or conditions are **monitored** to determine whether to initiate or inhibit an auto-shift sequence. The ECM 20 continuously...

3/3,K/8 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03557822 INSPEC Abstract Number: B90013281, C90016959

**Title: Tangara train management system-concept, design and experience**

Author(s): Bruce, R.; Hatton, T.

Conference Title: International Conference on Main Line Railway Electrification (Conf. Publ. no.312) p.197-201

Publisher: IEE, London, UK

Publication Date: 1989 Country of Publication: UK xiv+428 pp.

Conference Date: 25-28 Sept. 1989 Conference Location: York, UK

Language: English

Subfile: B C

...Abstract: deck 1 Commuter train. During the conceptual design stage it was realised that to reduce operational **delays** caused by **train** faults and decrease maintenance/ **repair** **time** an intelligent means of fault handling and **recording** was required. This need gave rise to the Tangara **train** management system (TMS) which although being similar in concept to other systems being installed on...

3/3,K/9 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01196932 98-46327

**CF MotorFreight improves service with OmniTRACS**

Anonymous

Fleet Equipment v22n3 PP: 109 Mar 1996

ISSN: 0747-2544 JRNL CODE: FEQ

WORD COUNT: 216

...TEXT: pinpoint a truck at any given time and plan ahead for weather-related or other **delay** factors. This allows total visibility of the customer's shipments from origin to destination."

For **time** -sensitive shipments, the system can be used to **monitor** freight movement and to coordinate drivers and equipment. Additionally, faster communication will speed response **time** for **repairing** trucks that are disabled en route.

3/3,K/10 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01193960 98-43355

**CF MotorFreight improves efficiency with OmniTRACS**

Anonymous

Fleet Equipment Transport Technology Today Supplement PP: S4-S5 Mar 1996

ISSN: 0747-2544 JRNL CODE: FEQ

WORD COUNT: 500

...TEXT: pinpoint a truck at any given time and plan ahead for weather-related or other **delay** factors. This allows total visibility of the customer's shipments from origin to destination."

For **time** -sensitive shipments, the system can be used to **monitor** freight movement and to coordinate drivers and equipment. Additionally, faster communication will speed response **time** for **repairing** trucks that are disabled en route.

The mobile communications system is part of a larger initiative...

3/3,K/11 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

04080586 Supplier Number: 45943278 (USE FORMAT 7 FOR FULLTEXT)

**CF MOTORFREIGHT IMPROVES CUSTOMER SERVICE, EFFICIENCY WITH OMNITRACS**

**SATELLITE MOBILE COMMUNICATIONS SYSTEM**

PR Newswire, p1116S4H004

Nov 16, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 746

... pinpoint a truck at any given time and plan ahead for weather-related or other **delay** factors. This allows total visibility of the customer's shipments from origin to destination."

For **time** -sensitive shipments, the system can be used to **monitor** freight movement and to coordinate drivers and equipment. Additionally,

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faster communication will speed response time for repairing trucks that are disabled en route.

The mobile communications system is part of a larger initiative...

**3/3,K/12 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

01385113 Supplier Number: 41646784  
**Facilities: Red River Valley & Western**  
Railway Age, p10  
Nov, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; General

ABSTRACT:

Red River Valley & Western has set up a 180 x 160 ft, 2- track car maintenance facility in Breckenridge, MN. The facility can repair up to 6 cars at a time. The facility is presently repairing 15-20 cars /d, but output will be increased as it gets contract work in late 1990. ...

**3/3,K/13 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05215121 SUPPLIER NUMBER: 10684246 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Getting the big picture. (advantages of linking traffic information to a centralized network)**  
Levitt, Charles  
Mass Transit, v18, n1-2, p8(2)  
Jan-Feb, 1991  
ISSN: 0364-3484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 781 LINE COUNT: 00066

... color coded system is used to determine the exact status of any given piece of track ; whether it is unoccupied, occupied or under repair or maintenance. Color codes are also used to measure train performance, if a train is on time , is running late but can pick up speed, or if the train is late and won't reach its destination on schedule.

With tight budget restraints on every level...

**3/3,K/14 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

25444161 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Amtrak Derailment Delays Chicago-Area Rail Commuters**  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (CHICAGO TRIBUNE - ILLINOIS)  
May 11, 2002  
JOURNAL CODE: KCTR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 590

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and sent the train on its way at 7:51.p.m., almost six hours late

Search Report from Ginger R. DeMille

After the derailment, only one **track** remained open. Crews worked to **repair** the **tracks** and clear the disabled **cars** in **time** for Friday's morning rush period.

The derailment blocked **tracks** used by Metra's Milwaukee District North Line to Fox Lake and West Line to...

3/3,K/15 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

19362171 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Meanwhile Back On The Tube ... Wonderful Improvements Are Promised - But  
Still Don't Hold Your Breath**  
DICK MURRAY  
EVENING STANDARD, p22  
October 17, 2001  
JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1898

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... scope of the work LU wishes it to undertake.  
But its first priority is to **fix** the poor **tracks**, signals and **trains** 'in the shortest possible **time** without disrupting the travelling public'.

During the **first** period it will **repair** or replace seven-and-a-half miles of crumbling embankments - a major source of **delays**. It will also replace inaudible station loudspeaker systems.

Around Pounds 4billion will be invested in...

3/3,K/16 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

17302406 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Cash: Your problems: Money Writes: Crash! Six months' driving is a  
write-off: Has your bank, building society or insurer treated you badly?  
We seek justice for our readers**

MARGARET DIBBEN  
OBSERVER, p14  
June 10, 2001  
JOURNAL CODE: FOBS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 168

(USE FORMAT 7 OR 9 FOR FULLTEXT)

BL, Abingdon  
**TIME** is not a deciding factor. A **write** -off decision depends entirely on whether the cost of **repairs** exceeds the **vehicle** 's value. Your motor caravan was worth pounds 6,000 more than the **repair** bill so, whatever the **delays**, Axa would never have written it off.

Axa says the repairs took so long because...

3/3,K/17 (Item 4 from file: 20)

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DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

16950939 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Swallows back after rail ordeal: TRIP: Team hit by delays and bomb scare**

TRISTAN NICHOLS

WESTERN MORNING NEWS , Evening Herald ed, p9

March 20, 2001

JOURNAL CODE: FWMN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 451

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Railtrack's ongoing work.

He said: "The bomb scare at Newcastle did cause quite a **delay** which resulted in a backlog of **trains** . Obviously the ongoing **track repair** work added to the journey **time** ."

HOME AT LAST: Gymnasts Stacey Allen, Erin Soper, Leanne Whitman and Amy Palmer look tired...

**3/3,K/18 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

15954607 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Breaking point: Many people knew about the cracked rail that caused the Hatfield crash. So why wasn't it replaced, or a speed limit imposed? In the final extract from his exhaustive investigation of the accident, Ian Jack says that the answers lie in the**

GUARDIAN

April 03, 2001

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2398

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... notices that a rail has some cracks. He consults his supervisor. His supervisor consults Railtrack. **How long** will the rail last? A **track** possession will **delay trains** and cost money. Can a **repair** be done quickly? Might it be postponed? Need it be done at all? Doesn't...

**3/3,K/19 (Item 6 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

14603268 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Normal service fails to return on railway lines**

ALASTAIR DALTON

SCOTSMAN, p5

January 11, 2001

JOURNAL CODE: FSCT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 340

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 12 minutes after arriving - was being hampered by continuing

Search Report from Ginger R. DeMille

engineering work north of Glasgow.

The **delays** meant it was unable to successfully restore the 48 minute journey **time** between the cities which had risen by up to 25 minutes due to emergency **track repairs**.

The **train** operator did double daytime services back to four an hour in each direction. However, it said **train** manufacturer Adtranz would not complete work to **fix** problems with the Turbostars until May.

This includes sending six of the 24-strong fleet...

3/3,K/20 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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13498635 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Region By Region,How Millions Will Be Affected And The Furious Passengers Who Are Already Suffering Delays**

RAY MASSEY

DAILY MAIL, p7

October 26, 2000

JOURNAL CODE: FDM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1375

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to be worst.

It will close the line in other places.

There will be **huge delays** on trains. Over the next week, Rail- **track** and the **train** operators will produce an emergency timetable, allowing much more **time** for journeys.

Railtrack estimates that **repairing** all the cracks will take at least six months.

So some **trains** will run **late** until April next year, and possibly far beyond that, unless engineers can work out a...

3/3,K/21 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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13186986 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Pennsylvania Amtrak Schedule Runs Predictably Late**

Frank Reeves

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (PITTSBURGH POST-GAZETTE - PENNSYLVANIA)

October 07, 2000

JOURNAL CODE: KPPG LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1995

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... systems.

CSX Vice President Paul Reistrup said this past summer has been a particularly busy **time** for **track** maintenance. He said the railroad has sought to make Amtrak aware of the **repair** projects so it can notify passengers of possible **delays**.

When a section of **track** is being **repaired**, **trains** must follow slowdown orders. In some cases, Amtrak service is brought to a halt, with



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**3/3,K/22 (Item 9 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
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11925535 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TUMPAT-KL, TUMPAT-SINGAPORE EXPRESS TRAINS RETIMED**

BERNAMA THE MALAYSIAN NATIONAL NEWS AGENCY

July 13, 2000

JOURNAL CODE: FBNM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 125

KUALA LUMPUR, July 13 (Bernama) -- There will be at least a two-hour **delay** in the arrival **time** tomorrow of the Tumpat-Kuala Lumpur and Tumpat-Singapore express **trains** as **repairs** to stretches of the **track** due to yesterday's derailment will only be completed **late** tonight.

The Express Wau from Tumpat to Kuala Lumpur usually arrived at 6.50am and...

**3/3,K/23 (Item 10 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

10493427 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Prescott seeks pounds 2bn 'quick fix' for rail network**

KEITH HARPER TRANSPORT EDITOR

GUARDIAN

April 10, 2000

JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 481

... s offer to the shadow strategic rail authority would require it to invest in 'quick **fixes** ' such as relieving rail **bottlenecks** , improving **track** and making more **trains** run to **time** .

**3/3,K/24 (Item 11 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05085467

**A year to fix 25,000 hail-damaged cars**

Bob Jennings

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (SYDNEY MORNING HERALD) , p5

April 23, 1999

JOURNAL CODE: WSMH LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 187

... cover on hail-damaged cars. In an effort to keep business moving, most insurers are **writing** off badly-damaged **vehicles** valued at less than \$A10,000 rather than **repair** them. For owners of damaged **vehicles** , the **bottleneck** is in **repairs** ; smash **repairers** have regular work to take care of, and hail damage work is **time** -consuming. Some owners, particularly those with expensive vehicles, are trucking their vehicles interstate for repairs...

Search Report from Ginger R. DeMille

3/3,K/25 (Item 12 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02176091 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Pileup causes chaos on rail line**

ANDREW DENHOLM

DAILY MAIL , 1ST\_Scanned, p21

July 09, 1998

JOURNAL CODE: FDM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 178

(USE FORMAT 7 OR 9 FOR FULLTEXT)

A spokesman said: 'Fortunately nobody was injured, but there was extensive damage to the **track** which will take **time** to **repair**.' Passengers travelling on Virgin **Trains** between Aberdeen and Edinburgh could face short **delays**, with services diverted via Dunfermline.

Local services would also be disrupted, although a bus link...

3/3,K/26 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

11685018

**RAMP CLOSINGS AND SAFETY ADVICE FOR ENJOYING TONIGHT'S FIREWORKS**

San Jose Mercury News (SJ) - Thursday, July 4, 2002

By: GARY RICHARDS column

Edition: Morning Final Section: Local Page: 3B

Word Count: 480

...from 8:30 p.m. to midnight.

Light rail: Trolleys will be running on two **tracks** near the Children's Discovery Museum today to handle fireworks crowds.

Northbound and southbound **trains** had been sharing one **track** for two projects -- extending the line to Campbell and **repairing** existing rails.

Transit officials ask that you take your **time** leaving the downtown show tonight. If everyone tries to leave at once, **delays** can occur.

San Francisco: Van Ness Avenue will be closed near the Muni pier much...  
?

Search Report from Ginger R. DeMille

? show files;ds

File 15:ABI/Inform(R) 1971-2004/Aug 30  
(c) 2004 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2004/Aug 30  
(c) 2004 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 30  
(c)2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 30  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 30  
(c) 2004 The Gale Group  
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(c) 2004 The Gale Group  
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(c) 2004 The Gale Group  
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(c) 2004 FIZ TECHNIK  
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(c) 2004 ProQuest Info&Learning  
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(c) 2004 BLDSC all rts. reserv.  
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(c) 2004 The HW Wilson Co.  
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(c) 2003 EBSCO Pub.  
File 256:TecInfoSource 82-2004/Jul  
(c)2004 Info.Sources Inc  
File 474:New York Times Abs 1969-2004/Aug 29  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Aug 27  
(c) 2004 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 348:EUROPEAN PATENTS 1978-2004/Aug W03  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819  
(c) 2004 WIPO/Univentio

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Set	Items	Description
S1	5	(MONITOR? OR TRACK?) (6N) (HOW() LONG OR TIME) (3W) (REPAIR? OR FIX?) (3W) (VEHICLE? ? OR CAR OR CARS OR TRAIN OR TRAINS OR TRUCK? ?)
S2	2	RD (unique items)
S3	163	(HOW() LONG OR TIME) (3W) (REPAIR OR FIX OR REPAIR) (3W) (VEHICLE? OR CAR OR CARS OR TRAIN OR TRAINS OR TRUCK OR FLEET OR AIRPLANE? ?)
S4	28629	(REPAIR? OR FIX? OR REPAIR?) (2W) (VEHICLE? OR CAR OR CARS - OR TRAIN OR TRAINS OR TRUCK OR FLEET OR FLEETS OR AIRPLANE? ?)
S5	209	(S3 OR S4) (20N) (DELAY? ? OR TROUBLE? ? OR BOTTLENECK? ? OR BOTTLE()NECK? ?)
S6	19	S5 (20N) (SOFTWARE OR COMPUTER? OR ELECTRONIC? OR AUTOMATED? OR PROGRAM OR DATABASE? OR OPTIMIS? OR OPTIMIZ?)
S7	17	RD (unique items)
S8	121	S4 (8N) (SCHEDULING OR SCHEDULE? ?)
S9	0	S4 (8N) (SCHEDULER)
S10	0	S5 (20N) (CHANG? OR ADJUST? OR OPTIMI? OR EDIT? OR ALTER? OR REALLOCAT? OR READJUST?) (5N) (SCHEDULE? OR PLAN? ?)
S11	76	S8 NOT PY>2000
S12	54	RD (unique items)

? t12/3,k/all

**12/3,K/1 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01907419 05-58411

## The selection of distribution control techniques

De Leeuw, Sander; van Goor, Ad R; van Amstel, Rien Ploos

International Journal of Logistics Management v10n1 PP: 97-112 1999

ISSN: 0957-4093 JRNL CODE: INLM

WORD COUNT: 7167

...TEXT: distribution of CDs are of secondary importance. Transportation costs are relatively fixed because of the **fixed truck schedule** between the DCs. Handling costs are limited due to the small size of the product...

**12/3,K/2 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01488823 01-39811

## Freightliner introduces Enroute Road Repair module for Fleet Assistant software

Anonymous

Fleet Equipment v23n8 PP: 72 Aug 1997

ISSN: 0747-2544 JRNL CODE: FEQ

WORD COUNT: 209

...TEXT: delivered on time, as well as capabilities for analyzing the frequency and cost of enroute **repairs**.

**Fleet Assistant** is a vehicle maintenance management system that **schedules** preventive maintenance, tracks parts and labor costs by repair order, and controls parts inventory. The...

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12/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00608476 92-23579  
**Times Are Changing**  
Deierlein, Bob  
Fleet Equipment v18n4 PP: 27-29 Apr 1992  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 823

...TEXT: to 6.7 percent.

MAINTENANCE PRACTICES

One disturbing change concerns expenditures for preventative maintenance vs. **repairs** as needed. **Fleets** reported that **scheduled** maintenance has decreased from 43 percent of all repairs in 1984 to 40 percent in...

12/3,K/4 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07081631 Supplier Number: 59691728 (USE FORMAT 7 FOR FULLTEXT)  
**INDIAN GOVT ANNOUNCES NEW FREIGHT POLICY.**  
AsiaPulse News, p0341  
Feb 28, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 220

... forwarders in luggage vans on popular main and express trains.  
The policy envisages running of **fixed schedule** freight **trains** and terminal operations, launching of freight operations information system to provide real time information and...

12/3,K/5 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06085357 Supplier Number: 53604911 (USE FORMAT 7 FOR FULLTEXT)  
**NIPSCO Awards Contract to DTE Transportation Services.**  
PR Newswire, p7798  
Jan 20, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 210

... The DTE Energy Co. subsidiary won the contract after NIPSCO solicited bids from several railcar **repair** facilities. Rail **cars** will be **scheduled** for regular inspection and repair according to a proactive preventative maintenance schedule.  
DTE Energy Co...

12/3,K/6 (Item 3 from file: 16)

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DIALOG(R)File 16:Gale Group PROMT(R)  
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05743063 Supplier Number: 50224653 (USE FORMAT 7 FOR FULLTEXT)  
**FMTV CONTRACT DELAYED AFTER FIX FLOPS By George Cahlink**  
Defense Daily, v199, n90, pN/A  
August 6, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newsletter; Trade  
Word Count: 594

... stronger u-joints. That fix, he said, would still allow the service to remain on **schedule** for **fixing** all the **vehicles** by next May at a cost of about \$7 million to Stewart & Stevenson.

However, Mazurek...

**12/3,K/7 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05384564 Supplier Number: 48187700 (USE FORMAT 7 FOR FULLTEXT)  
**Chrysler Announces Safety Recalls**  
PR Newswire, p1219DEF008  
Dec 19, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 364

... are in Europe.  
Owners should wait for a notification from Chrysler before contacting dealers to **schedule** the **repair**.

All **vehicles** covered by these recall actions will be serviced at no expense to the owners.

SOURCE...

**12/3,K/8 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05003910 Supplier Number: 47348599 (USE FORMAT 7 FOR FULLTEXT)  
**Government Update: I&M Programs Are Ineffective and Unfair, Group Charges**  
Autoparts Report, v11, n9, pN/A  
May 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 320

... would be sent to the owners alerting them that they are likely to fail the **scheduled** inspection and may need to **repair** their **vehicle**.

**12/3,K/9 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03472767 Supplier Number: 44850262 (USE FORMAT 7 FOR FULLTEXT)

**METHANOL PLANT FIRE ADDS STRESS TO TIGHT MARKET**

Oxy-Fuel News, pN/A

July 18, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 531

... not released, the train is expected to be down for at least two weeks for **repairs**. The other **train** was down for **scheduled** maintenance and unaffected by the fire.

"Psychologically, the explosion had a lot of impact, but...

12/3,K/10 (Item 7 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03288298 Supplier Number: 44535678 (USE FORMAT 7 FOR FULLTEXT)

**MK WINS CONTRACT FROM SANTA FE RAILWAY FOR LOCOMOTIVE MAINTENANCE WORK**

PR Newswire, pN/A

March 22, 1994

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 358

... s Argentine ~~Yard~~  
maintenance facility in Kansas City, Kansas.  
MK will be responsible for all **scheduled** maintenance and **repairs**  
for the **fleet** under a guaranteed performance contract with Santa Fe.  
In addition, MK will be responsible for...

12/3,K/11 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

02226804 Supplier Number: 42904208 (USE FORMAT 7 FOR FULLTEXT)

**MERCHANDISING IS HERE TO STAY**

DIY Week, v0, n0, p29

April 10, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1658

... this occasion, all was well.  
A cursory glance at other client suppliers' displays - not their **scheduled** turn for attention today - then we **repaired** to the **car** park where Ms Boyce made further notes about the visit to summarise action taken.

B...

12/3,K/12 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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12569780 SUPPLIER NUMBER: 64719642 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Centralized and decentralized train scheduling for intermodal operations.**

Search Report from Ginger R. DeMille

NEWMAN, ALEXANDRA M.; YANO, CANDACE ARAI

IIE Transactions, 32, 8, 743

August, 2000

ISSN: 0740-817X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 10119

LINE COUNT: 00859

... movement of inter-modal freight within the context of rail-truck intermodal transportation given a **fix ed train schedule** over a finite horizon, taking equipment and locomotive repositioning into account. The objective is to...hub-destination pair using the container arrivals at the hub as determined by the origin **scheduling** subproblems. **Fix** the resulting **train schedules**, and re-optimize all container movements. We term this the decentralized scheduling with ex post...

...from the decentralized scheduling with ex post routing approach). To the original objective (for a **fixed train schedule**) we add, for each origin-destination pair, large fixed-charge rewards for adhering to the...

...scheduling subproblems. As in the decentralized scheduling with ex post routing approach, only the train **schedules** from the hub **scheduling** subproblems are **fixed**. Using the **train schedules** from the origin and hub **scheduling** subproblems, the systemwide container flow problem is solved. We refer to this approach as decentralized...

12/3,K/13 (Item 2, from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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11787972 SUPPLIER NUMBER: 58549891 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**CarStation Takes Collision Repair Process Online.**

Ward's Dealer Business, 34, 4, 41

Dec, 1999

ISSN: 1086-1629

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 682

LINE COUNT: 00067

... Center provides:  
\* Access to information about repair shops  
\* Ability to purchase insurance online  
\* Repair appointment **scheduling**  
\* Maps and directions to **repair** shops  
\* **Vehicle** service information, including recalls, lemon checks and automotive books  
\* Retail parts purchasing  
Automated Parts Procurement...

12/3,K/14 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

10369035 SUPPLIER NUMBER: 20996883 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**FMTV CONTRACT DELAYED AFTER FIX FLOPS. (Family of Medium Tactical Vehicles)**

Defense Daily, v199, n89, pNA(1)

August 6, 1998

ISSN: 0889-0404

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 642

LINE COUNT: 00052



Search Report from Ginger R. DeMille

... stronger u-joints. That fix, he said, would still allow the service to remain on **schedule** for **fixing** all the **vehicles** by next May at a cost of about \$7 million to Stewart & Stevenson.

However, Mazurek...

12/3,K/15 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09838761 SUPPLIER NUMBER: 19716373 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hour meters stand between final drives and failure. (includes related article on scheduled repairs)**

Stewart, Larry

Construction Equipment, v95, n5, p66(3)

May, 1997

ISSN: 0192-3978 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2490 LINE COUNT: 00193

... per day - make those sacrifices to assure reliable equipment.

The most practical, reliable way to **repair** gear **train** components before failure is to **schedule** the rebearing/reseal before the range when components typically fail in your application. This management...

12/3,K/16 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09218678 SUPPLIER NUMBER: 19040722 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**National survey results: automation is everywhere.**

Ringel, Marcia

Medical Laboratory Observer, v28, n12, p38(6)

Dec, 1996

ISSN: 0580-7247 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4008 LINE COUNT: 00324

... log of all problems encountered so that if something happens again, it's a quicker **fix**."

Other labs **train** backup key operators, maintain a rigorous maintenance **schedule**, allow plenty of the time for employees to get used to new equipment before using...

12/3,K/17 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08996861 SUPPLIER NUMBER: 18662487 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Port of New Orleans Centennial: 1896-1996. (New Orleans,**

**Louisiana) (includes profiles of six port-related businesses) (Special Advertising Section)**

New Orleans Magazine, v30, n12, pS1(23)

Sep, 1996

ISSN: 0897-8174 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8208 LINE COUNT: 00649

... on "moving cargo" sets Intermarine apart from most operators. "A

Search Report from Ginger R. DeMille

typical line has a relatively **fixed fleet** of ships running on a structured **schedule**. As a result, their motivation is to maximize cargo on each scheduled vessel," explains Greg...

12/3,K/18 (Item 7 from file: 148)

DIALOG(R)File 148:Gale, Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07168303 SUPPLIER NUMBER: 14779434 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**BUDGET RENT A CAR ISSUES MEDIA STATEMENT**  
PR Newswire, p0204NY071  
Feb 4, 1994  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 319 LINE COUNT: 00024

... car was apparently taken to Jackson Body Shop in Clarksville for \$2,800 worth of **repairs**. The car was reportedly **scheduled** for pick-up today upon payment of the bill. . . .  
Budget Rent a Car Corp. and...

12/3,K/19 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05864833 SUPPLIER NUMBER: 12185514 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**GLOBAL OCEAN CARRIERS ANNOUNCES PROFITABLE FIRST QUARTER RESULTS ALSO  
DECLARES DIVIDEND**  
PR Newswire, 0528A4642  
May 28, 1992  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 845 LINE COUNT: 00084

... or 11 percent of total available days. This off hire was almost entirely attributable to **scheduled** drydockings and **repairs**. Currently, the **fleet** has three vessels (representing 46 percent of Global's total tonnage) with charters extending until...

12/3,K/20 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05535565 SUPPLIER NUMBER: 11577526 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ALLDATA tech infobase means to-date auto repair technology. (Company  
Profile)**  
Zingraff, Mike, Jr.  
Motor Age, v110, n11, p19(1)  
Nov, 1991  
DOCUMENT TYPE: Company Profile ISSN: 0193-7022 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 428 LINE COUNT: 00034

... to send fewer cars back to new car dealers for repairs. System 3 helps them **fix vehicles** right the first time!

"ALLDATA System 3's **scheduled** maintenance procedures can be printed out to recommend and justify additional services to shop customers...

Search Report from Ginger R. DeMille

12/3,K/21 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05505870 SUPPLIER NUMBER: 11344126 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Pennsylvania's Endless Mountains: tough terrain, busy buses.**

(Special-purpose vehicles)

Mass Transit, v18, n9-10, p40(2)

Sept-Oct, 1991

ISSN: 0364-3484

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1101 LINE COUNT: 00084

... to fleet maintenance. Vehicles stationed at other locations are called in according to a maintenance **schedule** or for unscheduled **repairs**

Which **vehicles** have worked out best for EMTA? General Manager David Turissini is especially pleased with the...

12/3,K/22 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

03518514 SUPPLIER NUMBER: 06333712 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**When to junk geriatric jets.**

Casey, Peter

U.S. News & World Report, v104, n19, p16(3)

May 16, 1988

CODEN: XNWRA

ISSN: 0041-5537

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT

WORD COUNT: 1514 LINE COUNT: 00114

... in mind--based more on economic than safety considerations. And that assumes regular replacement, on **fixed schedules**, of **airplane** parts such as engines and landing gear, The fuselage surface, though, is another matter. Most...

12/3,K/23 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

02318593 SUPPLIER NUMBER: 03585428 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Scheduling bays for profit.**

Kelch, Maggie

Home & Auto, v95, p19(1)

Jan 1, 1985

ISSN: 0162-8801

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1469 LINE COUNT: 00110

... organizes the service center;

\* makes automotive service more convenient for the customer;

\* allows mechanics to **repair** the **vehicles** more easily.

Babcock's View

**Scheduling** increases the profitability of the service center.

"Scheduling is very important for three reasons," said...

Search Report from Ginger R. DeMille

...times in the shop and can make allowances for walk-in trade or for additional **repairs** to **vehicles** already in the shop."

" **Scheduling** of either mechanics or customers is important for good general organization of a service department...

12/3,K/24 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

12201116 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Multimodal Freight beefs up fleet**

doing away with the container freight station business, the Thai

BUSINESS TIMES (MALAYSIA)

August 02, 2000

JOURNAL CODE: FBTM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 365

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... TEUs of boxes," he said.

"Most Thai shippers are now exporting FCL with KTM running **fixed schedule** freight **train** services from Padang Besar to Malaysian ports such as Penang and Port Klang." shippers, who...

...pipeline to expand the container yard by an additional 500 TEUs with KTM running the **fixed schedule** freight **train** services.

The development of the Padang Besar integrated rail complex which includes the redevelopment of...

12/3,K/25 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11740614 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**India: Concor's train flagged off from Chennai**

BUSINESS LINE

June 30, 2000

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 435

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... available, cargo can be diverted to dedicated train for faster delivery. In addition, having a **fixed schedule**, the **train** will leave even if there is no cargo available. There will be no question of...

12/3,K/26 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11665715 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**India: Fixed schedule goods train to run from today**

BUSINESS LINE

June 26, 2000

Search Report from Ginger R. DeMille

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 304

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**India: Fixed schedule goods train to run from today**

NEW DELHI, June 25: THE first **fixed schedule goods train** of Indian Railways, named 'Contracts', will start operations from Shalimar, near Calcutta, to Chennai from June...

... piece-meal goods such as auto parts and equipment, computers and other machinery items.

The **fixed schedule train** also fulfils one of the announcements made by the Railway Minister, Ms. Mamta Banerjee, in...

**12/3,K/27 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11470752 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**ALLDATA and MechanicNet.com Enter Strategic Alliance**

PR NEWSWIRE

June 12, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 465

... provide," said Brett Easley, ALLDATA's President, Customer Satisfaction. "Using the Internet can improve the **scheduling** and **repair** experiences between **vehicle** owners and repair shops by allowing information exchange and dialogue to take place over the...

**12/3,K/28 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11028980 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Head of NATO Military Committee to visit Ukraine on 17th-19th May**

BBC MONITORING INTERNATIONAL REPORTS

May 15, 2000

JOURNAL CODE: WBMS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 215

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and to familiarize himself with aviation hardware and weapons and with the technological process of **repairing** armoured **vehicles**.

The visit **schedule** provides for Venturioni's visit to the Yavoriv training grounds (in Lviv), where he is...

**12/3,K/29 (Item 6 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

10172457 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**'Women Must Stand Up And Be Counted'**

ZIMBABWE STANDARD

Search Report from Ginger R. DeMille

March 12, 2000

JOURNAL CODE: FZMS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 858

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 20 years of age, and who was born on 20 October 1979, has a busy **schedule** at Zimoco, fixing electrical **car** problems such as those to do with the charging system, starting system, central locking system...

12/3,K/30 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09776541 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**India: Rail freight rates up 5 pc**

BUSINESS LINE

February 26, 2000

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1051

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... volume discount scheme, extending the new concept of roll-on, roll-off (RORO), running of **fixed schedule** freight **trains** and terminal operations.

The freight **target** has been fixed at 475 million tonnes as against...

12/3,K/31 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09774967 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Railway Budget: ruffling no feathers**

S. Swaminathan

HINDU

February 26, 2000

JOURNAL CODE: FHIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 779

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... freight movement for door-to-door collection and delivery, speeding up freight movements and operating **fixed schedule** freight **trains**, will all have a favourable impact.

Financial crunch will not pass

On passenger fare, the...

12/3,K/32 (Item 9 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09761562 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Ficci praises the common mans budget, but CII is not so pleased**

Team ET

ECONOMIC TIMES

Search Report from Ginger R. DeMille

February 26, 2000

JOURNAL CODE: WETI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 462

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... connection, incentives like the volume discount scheme, introduction of high speed goods train, running of **fixed schedule** freight **trains** and terminal operations, introduction of RORO services, etc are expected to save precious fuel as...

12/3,K/33 (Item 10 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09227114 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TouchVision to Build On-Demand Transit and Tourism Kiosk Network at Lake Tahoe**

BUSINESS WIRE

January 14, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 360

... to any destination in the South Shore area. Based on the trip request, if a **fixed** route transit **vehicle** is not **scheduled** for that location, the nearest dial-a-ride van, or private shuttle operator will be ...

12/3,K/34 (Item 11 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

08734211 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**From Submarines to Buildings, Engineers Try to Understand Vibration**

Henry J. Holcomb

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS ( PHILADELPHIA INQUIRER - PENNSYLVANIA)

December 16, 1999

JOURNAL CODE: KPIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1245

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... cargo.

In contrast, Kaly said that acoustic analysis would detect problems early enough to **allow scheduling repairs** after the **car** has been unloaded at its destination.

For all this recent progress, many say the industry...

12/3,K/35 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury

(c) 2004 San Jose Mercury News. All rts. reserv.

08177087

**TRANSIT IN THE BLACK, BUT FEDERAL CUTS LOOM TURNAROUND: THE BUDGET**

Search Report from Ginger R. DeMille

**BALANCES, BUT FARE HIKES AND SERVICE CUTS MAY BE COMING.**

San Jose Mercury News (SJ) - Monday, June 26, 1995  
By: GARY RICHARDS, Mercury News Staff Writer  
Edition: Morning Final Section: Local Page: 1B  
Word Count: 643

...decades ago.

However, BART fares rose 15 percent in April to raise \$100 million to repair aging cars and tracks. CalTrain fares are scheduled to rise July 30.

INFOBOX: IF YOU'RE INTERESTED

The Santa Clara County Transportation Agency...

12/3,K/36 (Item 2 from file: 634)

DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

04533255

**DANISH RAIL WRECK KILLS 7, INJURES 67**

SAN JOSE MERCURY NEWS (SJ) - Monday, April 25, 1988  
By: Mercury News Wire Services  
Edition: Stock Final Section: Front Page: 11A  
Word Count: 110

...it was returning to the main track from a side rail in use because of repair work. The train was not scheduled to stop for passengers at the small rural station at Soroe, but it was supposed...

12/3,K/37 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02704441 Supplier Number: 45484993 (USE FORMAT 7 FOR FULLTEXT)

**\* Seoul Air Finds a Niche in Vietnam's Commuter Flight Mark**

Korea Economic Daily, pN/A  
April 20, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 509

... s second national flag carrier.

Established in 1988, Seoul Air with five helicopters and five fixed-wing airplanes offers non-scheduled flight service in Korea. But the market is limited to such special fields as oil...

12/3,K/38 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02702618 Supplier Number: 45481102 (USE FORMAT 7 FOR FULLTEXT)

**Seoul Air Finds a Niche in Vietnam's Commuter Flight**

Korea Economic Daily, pN/A  
April 18, 1995  
Language: English Record Type: Fulltext



Search Report from Ginger R. DeMille

Document Type: Newsletter; Trade  
Word Count: 503

... s second national flag carrier.

Established in 1988, Seoul Air with five helicopters and five **fixed** - wing **airplanes** offers non- **scheduled** flight service in Korea. But the market is limited to such special fields as oil...

12/3,K/39 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02354940 Supplier Number: 44622346 (USE FORMAT 7 FOR FULLTEXT)  
**THIS WEEK'S LEAD STORY #2: IVHS OPERATIONAL TEST PROPOSALS IDENTIFIED FOR FUNDING -- 1994**  
Inside IVHS, v4, n9, pN/A  
April 25, 1994  
Language: English . Record Type: Fulltext .  
Document Type: Newsletter; Trade  
Word Count: 1183

... Transit Personalized Public Transit: Will evaluate a combination of fixed and flexible transit routes, allowing **fixed** route **vehicles** to pick up off-route passengers based on **scheduling** allowances and convenience of pick up point. Will use existing AVL system on DART's...

12/3,K/40 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02273168 Supplier Number: 44375607 (USE FORMAT 7 FOR FULLTEXT)  
**LABWORKS: STUDY COMPARES COSTS OF MAGLEV GUIDEWAY WITH TRANSIT FACILITY**  
Maglev News, v2, n7, pN/A  
Jan 24, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 856

... the study says.

Other PRT maintenance needs identified as unlikely components of a maglev maintenance **schedule** included: concrete deterioration and **repair** of the **vehicle** wheel pathways; pier pad repair and replacement; and repair of metal grates.

Eck acknowledged that...

12/3,K/41 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0218856 BW323 \*\*\* RETRANSMITTED DUE TO LINE NOISE \*\*\*

**AUTO CLUB STHERN CAL RPT: \$781 million increase in motorist fees proposed;**  
**Auto Club says "No!"**

March 25, 1991

Search Report from Ginger R. DeMille

Byline: Automotive Writers

...according to a depreciation schedule determined by the state. The bill calls for revising the **schedule** by artificially slowing the rate of depreciation and **fixing** the **car's** final value, after 10 years, at 15 rather than 5 percent of its initial...

12/3,K/42 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1074004

LAW043

**Vehicle Emissions Programs Need Tune Up, Study Finds**

DATE: March 26, 1997

13:02 EST

WORD COUNT: 513

... would be sent to the owners alerting them that they are likely to fail the **scheduled** inspection and may need to **repair** their **vehicle**.

Alleviating financial burdens on lower income motorists driving extreme-emitting vehicles by providing a guaranteed...

12/3,K/43 (Item 1 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

00959244 I96011481259

**Package routing in transportation networks with fixed vehicle schedules**

(Wegewahl fuer Verpackungen in einem Transportnetz mit festen Fahrzeugplaenen)

Greenwald, L; Dean, T

Dept. of Comput. Sci., Brown Univ., Providence, RI, USA

Networks, v27, n1, pp81-93, 1996

Document type: journal article Language: English

Record type: Abstract

ISSN: 0028-3045

**Package routing in transportation networks with fixed vehicle schedules**

IDENTIFIERS: PACKAGE ROUTING; TRANSPORTATION NETWORKS; **FIXED VEHICLE SCHEDULES** ; NP COMPLETE PROBLEM; APPROXIMATION ALGORITHMS; MULTICOMMODITY FLOW PROBLEM; COMBINATORIAL OPTIMIZATION TECHNIQUES; RELAXED LINEAR PROGRAMMING FORMULATION...

12/3,K/44 (Item 2 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

00723769 E93114153080

**A heuristic-based CarShop scheduling applications**

(Eine Anwendung einer Betriebsmittelverteilung in einer Autoreparaturwerkstatt auf heuristischer Basis)

Srinivasan, V; Fabens, W

Search Report from Ginger R. DeMille

Case Western Reserve Univ. Cleveland, USA; B.P. Res., Warrensville, USA  
TAI '92, 4th Int. IEEE Conf. on Tools with Artificial Intelligence,  
Arlington, USA, Nov. 10-13, 1992  
Document type: Conference paper Language: English  
Record type: Abstract  
ISBN: 0-8186-2907-X

ABSTRACT:

...this paper the formulation of a heuristic based carshop scheduling application is described. The CarShop **scheduling** problem involves **scheduling repair jobs on cars**, given restrictions on operator availability and other resource/time constraints. The problem is solved by...

12/3,K/45 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03705997 INSPEC Abstract Number: C90055540

**Title: Optimizing the schedule for a fixed vehicle path with convex inconvenience costs**

Author(s): Dumas, Y.; Soumis, F.; Desrosiers, J.

Author Affiliation: GERAD and Ecole des Hautes Etudes Commerciales, Montreal, Que., Canada

Journal: Transportation Science vol.24, no.2 p.145-52

Publication Date: May 1990 Country of Publication: USA

CODEN: TRSCBJ ISSN: 0041-1655

U.S. Copyright Clearance Center Code: 0041-1655/90/2402-0145\$01.25

Language: English

Subfile: C

**Title: Optimizing the schedule for a fixed vehicle path with convex inconvenience costs**

12/3,K/46 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03514003 INSPEC Abstract Number: C90000714

**Title: Bus scheduling with a fixed number of vehicles**

Author(s): Paixao, J.; Branco, I.M.

Author Affiliation: DEIOC, Faculdade de Ciencias de Lisboa, Portugal

Conference Title: Computer-Aided Transit Scheduling. Proceedings of the Fourth International Workshop on Computer-Aided Scheduling of Public Transport p.28-40

Editor(s): Daduna, J.R.; Wren, A.

Publisher: Springer-Verlag, Berlin, West Germany

Publication Date: 1988 Country of Publication: West Germany viii+338 pp.

ISBN: 3 540 19441 x

Conference Sponsor: Brown, Boveri & Cie; Daimler-Benz; Hamburg-Consult; et al

Conference Date: 28-31 July 1987 Conference Location: Hamburg, West Germany

Language: English

Subfile: C

**Title: Bus scheduling with a fixed number of vehicles**

Search Report from Ginger R. DeMille

...Abstract: In this paper the quasi-assignment algorithm is extended in order to solve the bus **scheduling** problem with any **fixed** number of **vehicles** , where one aims to **schedule** bus trips just minimizing the operating and dead-heading costs. The algorithm applies for a...

12/3,K/47 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02370375 INSPEC Abstract Number: C85004866

**Title: Traffic dynamics of automated transit systems with pre-established schedules**

Author(s): Araya, S.; Sone, S.

Author Affiliation: Mitsubishi Electr. Corp., Amagasaki, Japan

Journal: IEEE Transactions on Systems, Man and Cybernetics vol.SMC-14,  
no.4 p.677-87

Publication Date: July-Aug. 1984 Country of Publication: USA

CODEN: ISYMAW ISSN: 0018-9472

U.S. Copyright Clearance Center Code: 0018-9472/84/0700-0677\$01.00

Language: English

Subfile: C

Abstract: The authors examine the traffic dynamics of automated transit systems in which a **fixed** number of **vehicles** are operated according to a preestablished **schedule** along a single loop track with on-line stations. After discussing some poles of margin...

12/3,K/48 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01696549 INSPEC Abstract Number: B81031528

**Title: A simulation model for the investigation of operating sequences on high-speed railways**

Author(s): Hummer, K.; Kraft, K.-H.; Luers, W.

Journal: Archiv fur Eisenbahntechnik no.35 p.41-9

Publication Date: Dec. 1980 Country of Publication: West Germany

CODEN: AEBTAA ISSN: 0341-0463

Language: German

Subfile: B

...Abstract: of the vehicles, the line and the operations control system can be freely defined. A **schedule** has to be given for **fixing** the **train** sequence for entry into the route network and for defining the route of the individual...

12/3,K/49 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2004 ProQuest Info&Learning. All rts. reserv.

1010476 ORDER NO: AAD88-02473

**MINIMIZATION OF TOTAL TARDINESS IN MANY-TO-MANY PICKUP AND DELIVERY SYSTEMS**

Author: CUFF, CAROLYN KIDDER

Degree: PH.D

Year: 1987

Search Report from Ginger R. DeMille

Corporate Source/Institution: CASE WESTERN RESERVE UNIVERSITY (0042)  
Source: VOLUME 48/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3665. 185 PAGES

...includes many pickup and many delivery locations. Due to the large number of items and **fixed** number of **vehicles**, a feasible **schedule** picking all items up after their known ready time and delivering them before their due...

**12/3,K/50 (Item 1 from file: 99)**  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

1085097 H.W. WILSON RECORD NUMBER: BAST93017161  
**Planning for equipment replacement on the local level**  
Taylor, Arthur W;  
Public Works v. 124 (Mar. '93) p. 65-6  
DOCUMENT TYPE: Feature Article ISSN: 0033-3840

...ABSTRACT: a review of village data and usage patterns on equipment and vehicles from history and **repair** files. A **Vehicle** /Equipment Replacement **Schedule** was designed as a guide to long range vehicle and equipment retirement and replacement planning...

**12/3,K/51 (Item 1 from file: 474)**  
DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

00128487 NYT Sequence Number: 054082700619  
**Penn Central, in effort to refurbish many of its antiquated cars, increases overhaul program, schedules repair of 138 cars by end of yr at avg cost of \$3,000 per car; \$750,000 program is financed by MTA and Conn Transportation Auth; many commuters question validity of repairing outdated cars)**  
New York Times, Col. 1, Pg. 75  
Friday June 19 1970

**Penn Central, in effort to refurbish many of its antiquated cars, increases overhaul program, schedules repair of 138 cars by end of yr at avg cost of \$3,000 per car; \$750,000 program...**

**12/3,K/52 (Item 1 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09081572  
Le TC rail/route en est encore \ l'Ztat embryonnaire  
**BULGARIA: DEVELOPMENT OF COMBINED TRANSPORT**  
Journal pour le Transport Intl (JTI) 26 Mar 1999 p.33  
Language: FRENCH

... rail transport in Bulgaria, the government has developed a ten-year program providing for a **fixed** **schedule** of **trains** to Austria and Italy, and exemption of road tolls for pre- and post-forwarding by...

12/3,K/53 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00444361 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR AUTOMATIC TRAIN OPERATION**  
**DISPOSITIF ET PROCEDURE SERVANT A ASSURER LE FONCTIONNEMENT AUTOMATIQUE D'UN**  
**TRAIN**

Patent Applicant/Assignee:

GE-HARRIS RAILWAY ELECTRONICS L L C,

Inventor(s):

WHITFIELD Russell U,

MATHESON William L,

GUARINO Anthony,

GIPSON Charles F,

FURTNEY Barbara S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834825 A1 19980813

Application: WO 98US2083 19980206 (PCT/WO US9802083)

Priority Application: US 9738693 19970207

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA DE AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 7838

Fulltext Availability:

Detailed Description

Detailed Description

... avoid or reduce the effect of

conflicts in the use of track resources. For example, **fixed**,  
periodic **trains** can be **scheduled** to avoid two trains vying for  
the use of the same track at the same...

12/3,K/54 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00354416

**METHOD AND APPARATUS FOR TRACKING VEHICLE LOCATION**  
**PROCEDE ET APPAREIL DESTINE A SUIVRE LA POSITION DE VEHICULES**

Patent Applicant/Assignee:

MOBILE INFORMATION-SYSTEMS INC,

Inventor(s):

SHAH Mukesh Chamanlal,

PRABHAKARAN Sanjiv,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9636930 A1 19961121

Application: WO 96US7110 19960516 (PCT/WO US9607110)

Priority Application: US 95443062 19950517

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA CN JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Search Report from Ginger R. DeMille

Fulltext Word Count: 12059

Fulltext Availability:  
Detailed Description

Detailed Description

... information

are re-transmitted to the dispatch station via branch 1206.

Upon completion of the **fixed** route, the **fleet** mobile unit returns to homebase, and the **scheduling** method provides new schedule information to the fleet mobile unit. The fleet mobile unit traverses...

?

Search Report from Ginger R. DeMille

? show files;ds

File 15:ABI/Inform(R) 1971-2004/Aug 30  
(c) 2004 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2004/Aug 30  
(c) 2004 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 30  
(c)2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 30  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 30  
(c) 2004 The Gale Group  
File 9:Business & Industry(R) Jul/1994-2004/Aug 27  
(c) 2004 The Gale Group  
File 20:Dialog Global Reporter 1997-2004/Aug 30  
(c) 2004 The Dialog Corp.  
File 476:Financial Times Fulltext 1982-2004/Aug 30  
(c) 2004 Financial Times Ltd  
File 610:Business Wire 1999-2004/Aug 30  
(c) 2004 Business Wire.  
File 613:PR Newswire 1999-2004/Aug 30  
(c) 2004 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2004/Aug 28  
(c) 2004 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 30  
(c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 13:BAMP 2004/Aug W4  
(c) 2004 The Gale Group  
File 75:TGG Management Contents(R) 86-2004/Aug W4  
(c) 2004 The Gale Group  
File 95:TEME-Technology & Management 1989-2004/Jun W1  
(c) 2004 FIZ TECHNIK  
File 2:INSPEC 1969-2004/Aug W4  
(c) 2004 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2004/Jul  
(c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/Aug W4  
(c) 2004 BLDSC: all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
(c) 2004 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.  
File 256:TecInfoSource 82-2004/Jul  
(c)2004 Info.Sources Inc  
File 474:New York Times Abs 1969-2004/Aug 29  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Aug 27  
(c) 2004 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 348:EUROPEAN PATENTS 1978-2004/Aug W03  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819  
(c) 2004 WIPO/Univentio



Search Report from Ginger R. DeMille

Set	Items	Description
S1	5	(MONITOR? OR TRACK?) (6N) (HOW() LONG OR TIME) (3W) (REPAIR? OR FIX?) (3W) (VEHICLE? ? OR CAR OR CARS OR TRAIN OR TRAINS OR TRU- CK? ?)
S2	2	RD (unique items)

? t2/3,k/all

**2/3,K/1 (Item 1 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08341839 Supplier Number: 70491228 (USE FORMAT 7 FOR FULLTEXT)  
**MODCOMP Provides Browser-Based GUI For AudaManager Bodyshop Management System.**

PR Newswire, p7170  
Feb 16, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 807

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
ViewMax(R) Supports Real- time Tracking of Vehicle Repairs over the Internet

**2/3,K/2 (Item 2 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

02041124 Supplier Number: 42633540  
**A "PRACTICAL" APPROACH TO FLEET MAINTENANCE**  
Concrete Products, p32  
Jan, 1992  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...records and computerization for programming the maintenance of its large truck fleet. A computer keeps track of the mechanics' time to repair a vehicle, and also monitors engine, transmission, and differential life by mileage. Meyer Material provides ready-mix concrete, construction aggregates...  
?

Search Report from Ginger R. DeMille

? t7/3,k/all

**7/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01103092 97-52486  
**The world according to the Inc. 500**  
Mangelsdorf, Martha E  
Inc. v17n15 (The Inc 500) PP: 16-21 1995  
ISSN: 0162-8968 JRNL CODE: INO  
WORD COUNT: 1596

...TEXT: fix your busted oxygen concentrator; Carstar Automotive (#410) and Three C Body Shop (#458) will **repair** your damaged **car** ; and Homefix (#138) will remodel your home. Finally, the ultimate fix-it: Commercial Financial Services (#347) buys **troubled** loans from the FDIC and restructures them.

The **computer** industry is still hot; competing with Bill Gates is not. Some things don't change...

**7/3,K/2 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

10070987 Supplier Number: 84586482 (USE FORMAT 7 FOR FULLTEXT)  
**MALES ON TV. (EDITORIALS) (LETTERS)**  
Dallas Morning News (TX), p3J  
April 7, 2002  
Language: English Record Type: Fulltext  
Document Type: Newspaper; General  
Word Count: 307

... to believe the depiction of males in television ads, then we are all in serious **trouble** . Apparently, males are **fixated** on sports, **cars** , **electronics** and eating - oh, yeah, don't forget sex. And even in these areas, we need...

**7/3,K/3 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

03065502 Supplier Number: 44172307 (USE FORMAT 7 FOR FULLTEXT)  
**Moyers spurns retirement, promises to reinvent Southern Pacific**  
Traffic World, p21  
Oct 18, 1993  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 4950

... some train delays there and I want to find out what's causing those train **delays** . And then we have to have a **program** of what we're going to do to **fix** those **train delays** . Last week we had Houston and Eugene, Ore. And we've made some nice progress...

Search Report from Ginger R. DeMille

7/3,K/4 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08313096 SUPPLIER NUMBER: 17605156 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Motor Age garage.(Training Program)**  
Bilotta, Pete  
Motor Age, v114, n11, p26(4)  
Nov, 1995  
ISSN: 0193-7022 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1907 LINE COUNT: 00144

... c. both techs d. neither tech  
Now what?

Locating the source of the Reliant's **troubles** wasn't that difficult.  
The challenge was to try to **fix** the **vehicle** on the spot, without having  
the required replacement parts. It was time to route through pile of old  
miscellaneous **electronic** items that we had been using for show-and-tell  
in various training classes. Unfortunately...

7/3,K/5 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07573279 SUPPLIER NUMBER: 15832871 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**How OBD II tests can be done on non-OBD II vehicles.**  
Graham, Douglas B.  
Motor Age, v113, n10, p33(5)  
Oct, 1994  
ISSN: 0193-7022 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2562 LINE COUNT: 00184

... lane. If you do not own a RG240 setup (which is not a requirement  
to **fix vehicles** ), you can take tailpipe gas measurements at idle and  
2500 rpm and record the readings.

Check the **computer** for any **trouble** codes that are present. Any  
other obvious things should be noted as well, such as...

7/3,K/6 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05224364 SUPPLIER NUMBER: 11342916 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Value of computers growing. (computers aid in management and improvement of  
repair services of automobile repair centers)**  
Dewolf, Rob  
Tire Review, v91, n3, p45(3)  
March, 1991  
ISSN: 0040-8085 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1877 LINE COUNT: 00139

... example of a computer system is one of a more technical nature.  
This type of **software program** is one that aids the technician in the  
actual **repairing** of **vehicles** and provides help with **trouble** -shooting  
problems when the need arises. These **software** programs provide the

Search Report from Ginger R. DeMille

technician with an alternative to keeping a myriad of repair manuals on...

7/3,K/7 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01976095

**Auto Mechanics Struggle to Cope With Technology in Today's Cars**  
Wall Street Journal 3 Star, Eastern (Princeton, NJ) Edition July 26, 1988  
p. 37  
ISSN: 0043-0080

... with a shortfall of 30,000 'properly trained' mechanics. Even well-trained independent mechanics have **trouble repairing computerized cars**. Each manufacturer uses different **computer** codes, requiring different diagnostic equipment to interpret them. Many small shops can't afford separate **computers** and the many technical manuals that explain how each car works. ...

7/3,K/8 (Item 2 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01047585

**MARKETS: Computer-aided-repair breaks a bottleneck.**  
Electronic Business May 1, 1984 p. 30,132

**Computer** -aided **repair** ( **CAR** ) equipment is emerging in the ATE industry as the answer to **bottleneck** repair functions and engineering, manufacturing and test areas of the **automated** factory. According to G Patterson, VP, Marconi's **Automated** Test Equipment Division, CAR equipment will represent 25-50 percent of the \$340 million in...

7/3,K/9 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

33207038 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Boston Globe Business Intelligence Column**  
Robert Weisman

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS - THE BOSTON GLOBE - MASSAC  
January 11, 2004  
JOURNAL CODE: KBGL LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 678

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... been struggling in a mature market. By utilizing data from its locomotive service business, which **repaired** cargo **trains**, it was able to launch a new business insuring railroad customers, such as grain and personal **computer** distributors, against shipping **delays**.

Similarly, the Jacksonville Electric Authority, a Florida electric and water utility, used the approach successfully...

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7/3,K/10 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

26586816 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Jobs & Money: Motoring: Frustrating problem? That'll be the Daewoo: Owners  
of vehicles made by a firm that went bust have been let down**  
NICK PANDYA  
GUARDIAN  
December 14, 2002  
JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 868

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and the car's immobiliser started acting up. Her AA membership got her out of **trouble** then, through temporary roadside **repair**.

She contacted **Car Warehouse**, the dealer who sold her the car plus a warranty, but the warranty did not cover the **computerised** key, which was faulty and needed to be re-programmed. The dealer advised her to...

7/3,K/11 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

22141315 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Environmentalists Support New Jersey Car Inspection Reprieve**  
Daniel Sforza  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (RECORD - HACKENSACK, N.J.)  
April 07, 2002  
JOURNAL CODE: KREC LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1043

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... letter to the state, called that proposal "flawed" and has told the state to retest **repaired vehicles** using the **computer**. "EPA is concerned that the proposal has the potential to confuse the public, is likely to **delay** clean air benefits, and puts the EPA into the position of finding the **program** not approvable," the letter said.

Campbell said the state is working with the EPA to...

7/3,K/12 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

01731904 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Driver's Direct Asks, 'Have You Sent Flowers to Your Auto Insurance Company Lately?'**  
PR NEWSWIRE  
May 20, 1998 17:10  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 167

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Search Report from Ginger R. DeMille

... the greatest of years:

"I'm very sorry about the accident. With all of the **trouble** I've had with others hitting me, now this. Thank you for **fixing my car**."

Richard H. Smith, President of Driver's Direct, a **program** of All Nation Insurance Company, said "Extraordinary customer satisfaction is our goal and we appreciate..."

**7/3,K/13 (Item 1 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

2597502 H.W. WILSON RECORD NUMBER: BAST03112420

**NHTSA eyes faster defect response**

Ponticel, Patrick;

Automotive Engineering International v. 111 no1 (Jan. 2003) p. 96

DOCUMENT TYPE: Feature Article

...ABSTRACT: defects present in their products. According to the agency, the basis of the accelerated remedy **program** is the TREAD Act, which was enacted in 2000. The act came in response to concerns over **delays** in **repairing** or replacing **vehicles**, or vehicle parts, that contained a safety-related defect or failed to comply with motor...

**7/3,K/14 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01489039

**Vehicle management system**

**Kraftfahrzeug-Fuhrungssystem**

**Systeme de gestion de vehicule**

PATENT ASSIGNEE:

FUJII JUKOGYO KABUSHIKI KAISHA, (216493), 7-2, Nishi-Shinjuku 1-Chome  
Shinjuku-Ku, Tokyo-To, (JP), (Applicant designated States: all)

INVENTOR:

Yamaki, Masahito, Fuji Jukogyo K.K., 1-7-2, Nishishinjuku, Shinjuku-ku,  
Tokyo, (JP)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1255101 A2 021106 (Basic)

APPLICATION (CC, No, Date): EP 2002009240 020425;

PRIORITY (CC, No, Date): JP 2001130053 010426

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01M-015/00

ABSTRACT WORD COUNT: 172

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200245	222
----------	-----------	--------	-----

SPEC A	(English)	200245	6569
--------	-----------	--------	------

Total word count - document A			6791
-------------------------------	--	--	------

Search Report from Ginger R. DeMille

Total word count - document B 0  
Total word count - documents A + B 6791

...SPECIFICATION to issue an alarm to a driver, thereby prompting the driver to take check and **repair** of the **vehicle** in, e.g., a dealer's service factory. In the service factory, an external device, e.g., a **trouble** diagnosing device, is connected to the on-board **electronic** control unit for reading internal data, such as trouble location data and trouble data, from...

7/3,K/15 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01482228

**Vehicle control system**

**System zur Kraftfahrzeug-Kontrolle**

**Systeme de controle des vehicules**

**PATENT ASSIGNEE:**

FUJI JUKOGYO KABUSHIKI KAISHA, (216499), 1-7-2, Nishishinjuku ,  
Shinjuku-ku, Tokyo, (JP), (Applicant designated States: all)

**INVENTOR:**

Yamaki, Masahito, Fuji Jukogyo K.K., 1-7-2, Nishishinjuku, Shinjuku-ku,  
Tokyo, (JP)

**LEGAL REPRESENTATIVE:**

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1253415 A2 021030 (Basic)

APPLICATION (CC, No, Date): EP 2002009239 020425;

PRIORITY (CC, No, Date): JP 2001127956 010425; JP 2001127957 010425; JP

2001127958 010425; JP 2001127959 010425; JP 2001127960 010425; JP

2001127961 010425; JP 2001127962 010425; JP 2001130054 010426; JP

2001130055 010426; JP 2001130056 010426

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01M-015/00

ABSTRACT WORD COUNT: 186

**NOTE:**

Figure number on first page: 19

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200244	527
----------	-----------	--------	-----

SPEC A	(English)	200244	20613
--------	-----------	--------	-------

Total word count - document A	21140
-------------------------------	-------

Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	21140
------------------------------------	-------

...SPECIFICATION to send an alarm signal to a driver, thereby inspiring the driver to check and **repair** the **vehicle** in a dealer's service factory. In the service factory, an external device, e.g., a **trouble** diagnosing device, is connected to an on-board **electronic** control unit for reading internal data, such as trouble location data and trouble data, from...

7/3,K/16 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

Search Report from Ginger R. DeMille

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00954959 \*\*Image available\*\*

**ALARM APPARATUS AND A METHOD OF COMMUNICATING AND ALARM SIGNAL  
SYSTEME D'ALARME ET PROCEDE POUR COMMUNIQUER UN SIGNAL D'ALARME**

Patent Applicant/Inventor:

STEPHENSON Jason, 95 Hough Lane, Bromley Cross, Bolton BL7 9DE, GB, GB  
(Residence), GB (Nationality)

Legal Representative:

NEILL Alastair William (et al) (agent), Appleyard Lees, 15 Clare Road,  
Halifax HX1 2HY, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200289085 A1 20021107 (WO 0289085)

Application: WO 2002GB1876 20020426 (PCT/WO GB0201876)

Priority Application: GB 200110491 20010428; GB 200119667 20010811

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6898

Fulltext Availability:

Detailed Description

Detailed Description

... dataport 3 (Universal Serial Bus (USB) or parallel  
port) allows for the transfer from a **computer** of the  
various options from a menu, for example.

The telephone numbers to ring.

.The recorded voice message.

Mode - **fixed** premises or **vehicle** .

Ring out times per number and various time **delays** .

**Software** will be supplied for **computers** on CD'KOM.

This will include the facility, to record an individual  
message. A micro...

7/3,K/17 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,**



Search Report from Ginger R. DeMille

FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)  
Application: WO 2001US51437 20011019 (PCT/WO US0151437)  
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Fulltext Availability:

Detailed Description

Detailed Description

... select and secure

the desired replacement vehicle to be provided, monitor the  
progress of the **repair** work so that scheduling of the rental  
vehicle could be controlled, extending the vehicle rental in  
the event of **delays** in repair, authorizing various activities  
involved in the rental process including upgrades of vehicles  
or...

?

Search Report from Ginger R. DeMille

? show files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200455  
 (c) 2004 Thomson Derwent  
 File 344:Chinese Patents Abs Aug 1985-2004/May  
 (c) 2004 European Patent Office  
 File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
 (c) 2004 JPO & JAPIO  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.  
 File 2:INSPEC 1969-2004/Aug W4  
 (c) 2004 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2004/Jul  
 (c) 2004 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2004/Aug W4  
 (c) 2004 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
 (c) 2004 The HW Wilson Co.  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
 (c) 2003 EBS Co Pub.  
 File 256:TecInfoSource 82-2004/Jul  
 (c)2004 Info.Sources Inc  
 File 474:New York Times Abs 1969-2004/Aug 29  
 (c) 2004 The New York Times  
 File 475:Wall Street Journal Abs 1973-2004/Aug 27  
 (c) 2004 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group

Set	Items	Description
S1	44316	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?) (5N) (REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	657	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	85	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	64	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	2855944	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	0	(S2:S4) (8N) S5 (8N) (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	11	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	19	S1(10N) (TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N) S5
S9	2559	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S10	2559	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S11	199	(S1:S4 OR S7 OR S8) (2S) SCHEDUL?
S12	1	(S1:S4) (2S) (S9:S10) (2S) SCHEDUL?
S13	32	S11(2S) DELAY? OR OPTIMIS? OR OPTIMIZ?)
S14	4	S13 FROM 350,344,347,371
S15	28	S13 NOT S14
S16	23	S15 NOT PY>2000

Search Report from Ginger R. DeMille

S17

20 RD (unique i

Search Report from Ginger R. DeMille

? t14/4/all

**14/4/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

IM- \*Image available\*

AA- 2002-547118/200258|

XR- <XRPX> N02-433151|

TI- Task performance time determination for employee, involves generating adjusted estimate of time required by employee for performing task by multiplying initial time estimate with cumulative historical efficiency factor|

PA- CAULFIELD D L (CAUL-I)|

AU- <INVENTORS> CAULFIELD D L|

NC- 001|

NP- 001|

PN- US 20020065702 A1 20020530 US 2000228162 A 20000825 200258 B

<AN> US 2000726063 A 20001129|

AN- <LOCAL> US 2000228162 A 20000825; US 2000726063 A 20001129|

AN- <PR> US 2000228162 P 20000825; US 2000726063 A 20001129|

FD- US 20020065702 A1 G06F-017/60 Provisional application US 2000228162|

LA- US 20020065702(11)|

AB- <PN> US 20020065702 A1|

AB- <NV> NOVELTY - Cumulative historical efficiency factor is calculated from the ratio of the sum of times actually used by the employee for the performance of tasks to the sum of the times previously estimated for the performance of tasks. Adjusted estimate of the time required for the performance of task is generated from the multiplication result of the initial estimate with the historical efficiency factor.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Predictive scheduling method;

(2) Vehicle repair performance monitoring method;

(3) Computerized automotive repair shop operation method; and

(4) Computerized job completion time prediction method.

USE - For determining task performance time for employee in **vehicle repair shop**.

ADVANTAGE - Allows shop management to **optimize** the utilization of the shop technicians and facilitates and enables to **repair more cars** in a short time with existing personnel.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the operation of the **scheduling** function.

pp; 11 DwgNo 2/5|

DE- <TITLE TERMS> TASK; PERFORMANCE; TIME; DETERMINE; EMPLOY; GENERATE; ADJUST; ESTIMATE; TIME; REQUIRE; EMPLOY; PERFORMANCE; TASK; MULTIPLICATION; INITIAL; TIME; ESTIMATE; CUMULATIVE; HISTORY; EFFICIENCY; FACTOR|

DC- T01|

IC- <MAIN> G06F-017/60|

MC- <EPI> T01-J05A2B; T01-J07B|

FS- EPI||

**14/4/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

AA- 2002-265339/200231|

Search Report from Ginger R. DeMille

XR- <XRPX> N02-206020|  
TI- Methods of operation of internal combustion engine and vehicle powered  
by such engine|  
PA- NATI SPEC OPEN CAST MINING TECH COMBINE (NATI-R)|  
AU- <INVENTORS> CHERVYAK E A; KARPOV A A; OSIPOV YU I; SAIKIN A M; SHMIDT G  
R; TERNIKOV N E|  
NC- 001|  
NP- 001|  
PN- RU 2174224 C1 20010927 RU 2000132893 A 20001228 200231 B|  
AN- <LOCAL> RU 2000132893 A 20001228|  
AN- <PR> RU 2000132893 A 20001228|  
AB- <PN> RU 2174224 C1|  
AB- <NV> NOVELTY - Method of operation of internal combustion engine  
including its periodical maintenance and/or repair comes to the  
following: amount of fuel consumed by engine from the date of its  
putting into operation or from the moment of previous maintenance  
and/or repair is determined by summing up amounts of fuel filled in  
fuel tank at each fuel servicing, and **scheduled** maintenance and/or  
repair is carried out after preset amount of fuel has been consumed.  
Maintenance and/or **repair** periods of **vehicle** are determined in the  
same way, like maintenance, repair or replacement of separate sets  
and/or units of vehicle and engine. Use of maintenance operations and  
other kinds of servicing to find intervals by indirect indicators -  
fuel consumption provides expedient usage of service materials  
(filtering elements, oils) and makes it possible to prolong service  
life of sets and units by preventing premature and **delayed** servicing.  
|  
AB- <BASIC> USE - Mechanical engineering; diagnosing, maintenance and  
repair of internal combustion engines and their sets and units.  
ADVANTAGE - Increased service life, reduced consumption of  
materials. 8 cl  
pp; 0 DwgNo 0/1|  
DE- <TITLE TERMS> METHOD; OPERATE; INTERNAL; COMBUST; ENGINE; VEHICLE;  
POWER; ENGINE|  
DC- S02|  
IC- <MAIN> G01M-015/00|  
IC- <ADDITIONAL> G01M-017/00|  
MC- <EPI> S02-J01A; S02-J02A|  
FS- EPI||

14/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

IM- \*Image available\*

AA- 1993-251247/199332|

XR- <XRPX> N93-193541|

TI- Railway vehicle regulation appts. - uses regulation controller with  
in-built profiles for journey times, headways between vehicles and  
power consumption to optimise vehicle control|

PA- WESTINGHOUSE BRAKE & SIGNAL (WESA ); WESTINGHOUSE BRAKE & SIGNAL  
HOLDINGS (WESA )|

AU- <INVENTORS> NEWMAN G D|

NC- 013|

NP- 008|

PN- EP 554983 A1 19930811 EP 93300389 A 19930120 199332 B|

PN- GB 2263993 A 19930811 GB 922520 A 19920206 199332

PN- CA 2087701 A 19930807 CA 2087701 A 19930120 199343

# Search Report from Ginger R. DeMille

PN- GB 2263993 B 19950322 GB 922520 A 19920206 199515  
 PN- EP 554983 B1 19950531 EP 93300389 A 19930120 199526  
 PN- DE 69300168 E 19950706 DE 600168 A 19930120 199532  
 <AN> EP 93300389 A 19930120  
 PN- ES 2072793 T3 19950716 EP 93300389 A 19930120 199535  
 PN- US 5440489 A 19950808 US 936456 A 19930121 199537|  
 AN- <LOCAL> EP 93300389 A 19930120; GB 922520 A 19920206; CA 2087701 A  
 19930120; GB 922520 A 19920206; EP 93300389 A 19930120; DE 600168 A  
 19930120; EP 93300389 A 19930120; EP 93300389 A 19930120; US 936456 A  
 19930121|  
 AN- <PR> GB 922520 A 19920206|  
 CT- 01Jnl.Ref; DE 1605862; EP 341826; GB 1321053; GB 1321054; JP 3213459;  
 WO 9003622|  
 FD- EP 554983 A1 B61L-003/00  
 <DS> (Regional): CH DE DK ES FR IT LI NL PT SE  
 FD- GB 2263993 A B61L-027/04  
 FD- GB 2263993 B B61L-027/04  
 FD- EP 554983 B1 B61L-003/00  
 <DS> (Regional): CH DE DK ES FR IT LI NL PT SE  
 FD- DE 69300168 E B61L-003/00 Based on patent EP 554983  
 FD- ES 2072793 T3 B61L-003/00 Based on patent EP 554983  
 FD- US 5440489 A G06F-165/00  
 FD- CA 2087701 A B61L-027/04|  
 LA- EP 554983(E<PG> 7); GB 2263993(15); GB 2263993(2); EP 554983(E<PG> 8);  
 US 5440489(7)|  
 DS- <REGIONAL> CH; DE; DK; ES; FR; IT; LI; NL; PT; SE|  
 AB- <BASIC> EP 554983 A

The apparatus comprises a regulation unit in communication with the various vehicles in a section of the railway network. The regulation unit contains a variety of profiles for journey time, the headway time interval between one vehicle and the next and power consumption. As updated details of each vehicles progress reaches the regulation unit it optimises the control of the vehicles.

If a vehicle is running late the regulation unit calculates the options of delaying or speeding up the first vehicle or other vehicles affected by the progress of the first vehicle. The regulation unit also considers affects on the respective timetables in addition to the profiles.

ADVANTAGE - Resolves conflicts between various operating parameters of railway to improve vehicle regulation on non-ideal railways.

Dwg.6/8|

AB- <EP> EP 554983 B

Apparatus for use in a railway vehicle for regulating it comprising: means for calculating running profiles between two or more fixed destinations; means for receiving, either from a second or subsequent railway vehicle directly or via separate means, the time at which one or more of the destinations will become clear for use by the railway vehicle; means for specifying what balance to apply to trade-offs between two or more operational strategies; means for receiving the timetabled arrival and departure times scheduled for the railway vehicle at any destination; and means for reporting to any second or subsequent railway vehicle, either directly or via separate means, a calculated arrival time of the railway vehicle at any destination.

Dwg.1/8|

AB- <GB> GB 2263993 B

Apparatus for use in a railway vehicle for regulating it, comprising: means for calculating running profiles between two or more fixed destinations; means for receiving, either from a second or subsequent railway vehicle, directly or via separate means, the time at

Search Report from Ginger R. DeMille

which one or more of the destinations will become clear for use by the railway vehicle; means for knowing that balance to apply to trade-offs between two or more operational strategies; means for knowing the timetabled arrival and departure times scheduled for it at any destination; and means for reporting to any second or subsequent railway vehicle, either directly or via separate means, its calculated arrival time at any destination.

Dwg.1/3|

AB- <US> US 5440489 A

Apparatus for use in a railway vehicle for regulating it, comprising: means for calculating running profiles between two or more fixed destinations; means for receiving, either from a second or subsequent railway vehicle, directly or via separate means, the time at which one or more of the destinations will become clear for use by the railway vehicle; means for knowing what balance to apply to trade-offs between two or more operational strategies; means for knowing the timetabled arrival and departure times scheduled for it at any destination; and means for reporting to any second or subsequent railway vehicle, either directly or via separate means, its calculated arrival time at any destination.

A calculator calculates running profiles of the distance with respect to velocity among several fixed locations. A first receiver receives the time at which at least one of the fixed locations becomes clear for use by the first railway vehicle. A second receiver receives the timetabled arrival and departure times **scheduled** for the first railway **vehicle** at any **fixed** location.

The calculation of a running profile is controlled on the basis of the information received by the first and second receivers, by selecting and **optimising** journey time, power consumption or inter-vehicle headway. The calculator further calculates the arrival time of the first railway vehicle.

The traction and braking system of the first vehicle is operated for driving the first vehicle to the calculated running profile. The calculated arrival time of the first vehicle at any fixed location for reporting to a second railway vehicle.

Dwg.7/8|

DE- <TITLE TERMS> RAILWAY; VEHICLE; REGULATE; APPARATUS; REGULATE; CONTROL; BUILD; PROFILE; JOURNEY; TIME; VEHICLE; POWER; CONSUME; OPTIMUM; VEHICLE; CONTROL|

DC- Q21; X23|

IC- <MAIN> B61L-003/00; B61L-027/04; G06F-165/00|

IC- <ADDITIONAL> B61L-023/34|

MC- <EPI> X23-A02; X23-B05|

FS- EPI; EngPI||

**14/4/4 (Item 1 from file: 347)**

FN- DIALOG(R)File 347:JAPIO|

CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|

TI- DELIVERY PUNCTUALITY SYSTEM AND DESTINATION BUILDING PASSAGE  
CONFIRMATION SYSTEM

PN- 2003-146270 -JP 2003146270 A-

PD- May 21, 2003 (20030521)

AU- OTAKE TAKAYUKI; FUKUSHIMA YASUNOBU; OKUYAMA KAORI; ARAI TOMONORI

PA- HONDA MOTOR CO LTD

AN- 2001-343836 -JP 2001343836-

AN- 2001-343836 -JP 2001343836-

AD- November 08, 2001 (20011108)

B62D-065/18; G05B-019/418; G06F-017/60

Search Report from Ginger R. DeMille

AB- PROBLEM TO BE SOLVED: To utilize destination information on time management in a **repair** process in a **vehicle** production final process in a vehicle production in which delivery time is fixed, enhance flexibility of time management system keeping delivery time, and correctly grasp in real time the progressing state of additional repair work in the repair process. SOLUTION: This delivery punctuality system 131 is applied to the final process 42 in a vehicle production process 100. The final process contains a complete vehicle inspection process 44 and the additional repair process 46. The delivery punctuality system is equipped with a terminal device 116 inputting information on vehicle identification inspected in the complete vehicle inspection process, inspection results, and destination relating to an additional repair work area; a terminal device 117 installed in each additional repair work area, and displaying the number of stocked **vehicles** every the additional **repair** area and **delayed** time to delivery **schedule** time of each vehicle; and a terminal device 119 installed in a control section 103 in the final process, and displaying the latest destination information on the whole **vehicle** present in the additional **repair** process and the **delay** time to the delivery **schedule** time. COPYRIGHT: (C)2003,JPO

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Search Report from Ginger R. DeMille

? t17/4/all

17/4/1 (Item 1 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 6513766|  
AZ- <INSPEC> C2000-04-3360L-010|  
TI- Flight director guidance throughout the parabolic maneuver|  
AU- Hosman, R.J.A.W.; Kunen, R.C.|  
CS- AMS Consult, Delft, Netherlands|  
SP- IEEE Syst., Man, & Cybernetics Soc. (SMC); Sci. Council of Japan (SCJ);  
Soc. Instrum. & Control Eng. (SICE); Robotics Soc. Japan (RSJ); Japan  
Soc. Mech. Eng. (JSME)|  
CP- USA|  
PG- 1076-81 vol.5|  
PY- 1999|  
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0 7803 5731 0/99/\$10.00|  
CT- IEEE SMC'99 Conference Proceedings. 1999 IEEE International Conference  
on Systems, Man, and Cybernetics (Cat. No.99CH37028)|  
CT- IEEE SMC'99 Conference Proceedings. 1999 IEEE International Conference  
on Systems, Man, and Cybernetics|  
PT- vol.5|  
CL- Tokyo, Japan|  
CY- 12-15 Oct. 1999|  
PU- IEEE Piscataway, NJ, USA|  
PG- 6 vol. (1179+1075+1106+1124+1140+1078)|  
BN- 0 7803 5731 0|  
DT- Conference Paper (PA)|  
LA- English|  
TC- Theoretical (T)|  
MI- XX-1999-03292|  
RF- 2|  
AB- The high precision required to maintain constant acceleration during  
the parabolic micro-gravity condition makes the pilot's control task  
difficult: the **optimization** of the duration requires an accurate  
entry into the parabola at the right moment, while the aircraft  
limitations may not be exceeded. To resolve this problem, flight  
director control laws incorporating a gain **scheduler**, a predictor,  
and a sequencer have been developed to improve the quality and duration  
of the parabolic maneuver and to increase the safety by monitoring the  
progress of the maneuver. A flight simulation program was then used to  
evaluate the flight director system in a **fixed**-based simulation, and  
to **train** the test pilot. Finally, the flight director was evaluated  
during flight tests with the laboratory aircraft. A considerable  
improvement to maintaining the precision of micro-gravity conditions  
was obtained. The development and design of the flight director system,  
as well as its experimental evaluation, are discussed.|  
DE- aircraft control; closed loop systems; predictive control; transfer  
functions|  
ID- parabolic maneuver; aircraft control; flight director control;  
predictive control; micro-gravity conditions; guidance control; closed  
loop systems; transfer function|  
SF- C|  
CC- C3360L (Aerospace control); C1330 (Optimal control); C1310 (Control  
system analysis and synthesis methods)||  
CG- Copyright 2000, IEE|

17/4/2 (Item 2 from file: 2)

Search Report from Ginger R. DeMille

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 5174533|  
AZ- <INSPEC> C9603-1290H-012|  
TI- Package routing in transportation networks with fixed vehicle schedules  
|  
AU- Greenwald, L.; Dean, T.|  
CS- Dept. of Comput. Sci., Brown Univ., Providence, RI, USA|  
JN- Networks|  
CP- USA|  
VL- vol.27, no.1|  
PG- 81-93|  
PY- 1996|  
CO- NTWKAA|  
SN- 0028-3045|  
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0028-3045/96/010081-13|  
PU- Wiley  
DT- Journal Paper (JP)|  
LA- English|  
TC- Theoretical (T)|  
MI- N073-96001|  
RF- 10|  
AB- Considers a special case of the general problem involving the routing  
of packages among vehicles in transportation networks. In this special  
case, the schedules of the **vehicles** are **fixed** and packages are  
routed by transferring them between vehicles as these **vehicles** make  
stops according to their **fixed schedules**. Since this problem is  
NP-complete, the authors explore approximation algorithms for its  
solution. In particular, they cast this problem as a multicommodity  
flow problem with a mixed integer/linear program formulation. They then  
apply combinatorial **optimization** techniques based on solving the  
relaxed linear programming formulation of the problem to obtain a  
solution with provable constraint violation bounds and expected  
performance guarantees, where performance is measured in terms of the  
sum of the time in transit over all packages. They investigate the  
sensitivity of the performance guarantees to certain scaling factors  
and other limitations of this technique.|  
DE- approximation theory; computational complexity; graph theory; linear  
programming; network routing; scheduling; transportation|  
ID- package routing; transportation networks; fixed vehicle schedules;  
NP-complete problem; approximation algorithms; multicommodity flow  
problem; mixed integer/linear program formulation; combinatorial  
optimization techniques; relaxed linear programming formulation;  
provable constraint violation bounds; performance guarantees; transit  
time; sensitivity; scaling factors|  
IC- 0028-3045(199601)27:1L.81:PRTN;1-Z|  
SF- C|  
CC- C1290H (Systems theory applications in transportation); C4240C (  
Computational complexity); C4130 (Interpolation and function  
approximation); C1160 (Combinatorial mathematics); C1180 (  
Optimisation techniques)||  
CG- Copyright 1996, IEE|

17/4/3 (Item 3 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 5111556|  
AZ- <INSPEC> B9512-8520-070; C9512-7490-020|

Search Report from Ginger R. DeMille

TI- Precisely fixed start-to-stop time simulation of DC railway power feeding systems|  
AU- Takagi, R.; Sone, S.|  
CS- Tokyo Univ., Japan|  
JN- Transactions of the Institute of Electrical Engineers of Japan, Part C|  
CP- Japan|  
VL- vol.115-C, no.8|  
PG- 975-83|  
PY- 1995|  
CO- DGRCDZ|  
SN- 0385-4221|  
DT- Journal Paper (JP)|  
LA- Japanese|  
TC- Practical (P); Theoretical (T)|  
RF- 9|  
AB- In order to **optimize** the feeding voltage of substations with diode rectifiers or the V-I characteristics of substations with thyristor rectifiers in DC railway power feeding systems, a computer model which can set the following parameters is needed: (1) track profile and station/substation locations; (2) substation characteristics; (3) train characteristics; (4) train **scheduling** data, especially start-to-stop time between adjacent stations. Setting parameter 4 is difficult, as train acceleration depends on the line voltage. In conventional simulation programs, this causes train start-to-stop time fluctuations which influence energy evaluation. For this reason, we developed the new RTSS simulation, and implemented a simulation model in which **trains** run with precisely **fixed** start-to-stop times. In realizing this, we took advantage of the fact that coasting and braking performance is unaffected by pantograph voltage fluctuations. This means that the time taken to reach the next station with only coasting and braking is easily estimated given present position and velocity. Using this technique, we precisely fix start-to-stop times by altering the acceleration stop point according to the conditions. In this paper, the authors describe the RTSS simulation model, and discuss its reliability to show that the new model is superior to existing models for evaluation and **optimization** of power feeding systems.|  
DE- optimisation; power system analysis computing; power system control; railways; reliability; substations|  
ID- fixed start-to-stop time simulation; DC railway power feeding systems; feeding voltage optimization; track profile; station/substation locations; substation characteristics; train characteristics; train scheduling data; train acceleration; line voltage; train start-to-stop time fluctuations; energy evaluation; RTSS simulation model; coasting; braking; pantograph voltage fluctuations; acceleration stop point; reliability; power feeding system evaluation; substations; diode rectifiers; thyristor rectifiers|  
SF- B C|  
CC- B8520 (Transportation); B8110D (Power system planning and layout); B8110B (Power system management, operation and economics); C7490 (Computing in other engineering fields); C3360D (Rail-traffic system control); C7410B (Power engineering computing); C3340H (Control of electric power systems)||  
CG- Copyright 1995, IEE|

17/4/4 (Item 4 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 04067138|

Search Report from Ginger R. DeMille

AZ- <INSPEC> C9202-7460-050|  
TI- An expert system for maintenance of riveting machines|  
AU- Daley, P.W.; Eyada, O.K.|  
CS- Boeing Mil. Airplanes, Wichita, KS, USA|  
SP- Univ. Tennessee; ACM; AAAI; IEEE; et al|  
CP- USA|  
PG- 64-72|  
PY- 1989|  
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0 89791 320 5/89/0006-0064\$1.50|  
CT- Proceedings. The Second International Conference on Industrial and  
Engineering Applications of Artificial Intelligence and Expert Systems.  
IEA/AIE - 89|  
CL- Tullahoma, TN, USA|  
CY- 6-9 June 1989|  
PU- ACM New York, NY, USA|  
PG- 2 vol. (xxxiv+1108)|  
BN- 0 89791 320 5|  
DT- Conference Paper (PA)|  
LA- English|  
TC- Practical (P)|  
RF- 16|  
AB- Rapid diagnosis and repair of riveting machine malfunctions are  
essential to meet critical production **schedules** at Boeing Military  
**Airplanes** . **Repairs** are often **delayed** because the maintenance  
technician assigned may lack the knowledge and experience required to  
quickly isolate and correct the problem. The paper presents an expert  
maintenance system for riveters (EMSR) developed to assist  
inexperienced technicians with the diagnosis and repair of nine Boeing  
modified Gemcor 400/200A CNC riveters. EMSR has captured the expertise  
of Boeing's most skilled riveter maintenance technicians in an expert  
system created using Texas Instrument's Personal Consultant Plus  
development tool.|  
DE- aerospace computing; expert systems; maintenance engineering|  
ID- malfunction diagnosis; malfunction repair; riveting machines; critical  
production schedules; Boeing Military Airplanes; expert maintenance  
system; EMSR; Gemcor 400/200A CNC riveters; Personal Consultant Plus  
development tool|  
SF- C|  
CC- C7460 (Aerospace engineering); C6170 (Expert systems)||

17/4/5 (Item 5 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 03705997|  
AZ- <INSPEC> C90055540|  
TI- **Optimizing the schedule for a fixed vehicle path with convex**  
**inconvenience costs**|  
AU- Dumas, Y.; Soumis, F.; Desrosiers, J.|  
CS- GERAD and Ecole des Hautes Etudes Commerciales, Montreal, Que., Canada  
|  
JN- Transportation Science|  
CP- USA|  
VL- vol.24, no.2|  
PG- 145-52|  
PY- 1990|  
CO- TRSCBJ|  
SN- 0041-1655|  
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0041-1655/90/2402-0145\$01.25|

Search Report from Ginger R. DeMille

DT- Journal Paper (JP)|  
LA- English|  
TC- Theoretical (T)|  
RF- 13|  
AB- Presents an algorithm that solves the problem of finding the vehicle schedule which minimizes total inconveniences for travel along a fixed path, where service times at nodes are constrained by time windows and where inconvenience is modeled using convex functions of the service times. This problem occurs as the last step or as a sub-problem in many common approaches to solving routing and scheduling problems. The authors show that the complexity of the algorithm, expressed as a number of unidimensional minimizations, is on the order of the number of nodes for convex inconvenience functions. For linear and quadratic functions, this complexity is linear in the number of nodes. They present extensions to the case where linear costs are applied to waiting time, and also to the case where the service time variables are discrete.|  
DE- computational complexity; optimisation; scheduling; transportation|  
ID- road vehicles; transportation; operations research; convex inconvenience costs; fixed path; service times; time windows; convex functions; scheduling; waiting time|  
SF- C|  
CC- C1290H (Transportation); C1180 (Optimisation techniques)||

17/4/6 (Item 6 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 03514017|  
AZ- <INSPEC> C90000728|  
TI- OPTIBUS: a scheduling package|  
AU- Ceder, A.; Fjornes, B.; Stern, H.I.|  
CS- Technion-Israel Inst. of Technol., Haifa, Israel |  
AU- <EDITOR> Daduna, J.R.; Wren, A.|  
SP- Brown,Boveri & Cie; Daimler-Benz; Hamburg-Consult; et al|  
CP- West Germany|  
PG- 212-25|  
PY- 1988|  
CT- Computer-Aided Transit Scheduling. Proceedings of the Fourth International Workshop on Computer-Aided Scheduling of Public Transport |  
CL- Hamburg, West Germany|  
CY- 28-31 July 1987|  
PU- Springer-Verlag Berlin, West Germany|  
PG- viii+338|  
BN- 3 540 19441 x|  
DT- Conference Paper (PA)|  
LA- English|  
TC- Practical (P)|  
RF- 5|  
AB- The transit **scheduling** system called OPTIBUS is comprised of three interrelated modules: (a) a timetable design module which constructs alternative computerized public timetables based on procedures which bring bus departure times in line with passenger demand; (b) a vehicle **scheduling** module which minimizes the number of **vehicles** required to carry out a **fixed** timetables or alternatively minimizes the total dead-heading kilometers for given number of vehicles; (c) a crew **scheduling** module which determines a feasible set of driver duties. This paper gives an overview of the OPTIBUS **scheduling** system, as

Search Report from Ginger R. DeMille

well as experience accumulated in three years while implementing  
OPTIBUS in several transit companies in Europe. The paper also  
describes a unique interactive full graphical **optimization** which  
leads in one implementation to save about 5% of the operational cost.|  
DE- road vehicles; scheduling; software packages; transportation|  
ID- OPTIBUS; scheduling package; bus; vehicles; crew|  
SF- C|  
CC- C1290H (Transportation); C7185 (Other service industries)||

17/4/7 (Item 7 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 03429090|  
AZ- <INSPEC> C89050090|  
TI- Availability of emergency vehicles: simulation of a crisis|  
AU- Selman, V.; Selman, J.|  
CS- Kogod Coll. of Bus. Admin., American Univ., Washington, DC, USA |  
CP- USA|  
PG- 32-4|  
PY- 1989|  
CT- Simulation in Emergency Management and Technology. Proceedings of the  
SCS Western Multiconference 1989|  
CL- San Diego, CA, USA|  
CY- 4-6 Jan. 1989|  
PU- SCS San Diego, CA, USA|  
PG- x+126|  
DT- Conference Paper (PA)|  
LA- English|  
TC- Practical (P)|  
RF- 6|  
AB- Due to the normally high rate of the unavailability of emergency  
medical vehicles a game/simulation of the availability of  
emergency-type vehicles in a crisis situation should be attempted to  
highlight unknown future problems that may arise, and to suggest  
corrective managerial approaches. For such an exercise, 'emergency'  
vehicles include police, fire, medical, telephone and other  
communication vehicles, Red Cross and hospital ambulances,  
gas/electric/plumbing **repair trucks**, earth and damage moving  
equipment, aircraft, including helicopters, ships, boats and other  
people-moving carriers. The outputs generated will be more realistic  
estimates of the time- **delays** for the available emergency **vehicles**,  
improved maintenance and **overhaul schedules**, and suggestions for  
enhanced survival. The usefulness of this game/simulation exercise is  
limited only by the relevancy of the database of non-proprietary data  
in the emergency crisis literature, and by the real cooperation of all  
interested industrial corporations and federal/state/municipal  
agencies.|  
DE- digital simulation; disasters; emergency services; vehicles|  
ID- emergency vehicle availability; crisis simulation; police cars; fire  
engines; earth moving vehicles; database relevance; nonproprietary data  
; federal agencies; municipal agencies; state agencies; medical  
vehicles; game; corrective managerial approaches; communication  
vehicles; ambulances; repair trucks; damage moving equipment; aircraft;  
helicopters; ships; boats; people-moving carriers; time-delays;  
maintenance; overhaul schedules; enhanced survival; cooperation;  
industrial corporations|  
SF- C|  
CC- C7130 (Public administration)||

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17/4/8 (Item 8 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 02813247|  
AZ- <INSPEC> C87012621|  
TI- Computer-aided transportation management in the preparation and  
monitoring of a transportation plan|  
AU- Escande, J.P.; Mathis, B.|  
CP- France|  
PG- 274-7 vol.2|  
PY- 1986|  
CT- Data Processing: From Discourse to Method. Convention Informatique 1986  
|  
CL- Paris, France|  
CY- 15-19 Sept. 1986|  
PU- Convention Inf Paris, France|  
PG- 2 vol. (v+523+431)|  
BN- 2 902574 20 7|  
DT- Conference Paper (PA)|  
LA- French|  
TC- Applications (A)|  
RF- 0|  
AB- As part of the overall approach to the redesigning of the logistics of  
the Andre Group, a computerized system for the establishment and  
monitoring of a transportation plan was conceived and set up, with a  
gain in productivity as its main objective. The Group's 1000 retail  
outlets had previously been supplied by **fixed** rounds made by a **fleet**  
of vehicles leased on an annual basis. This basic principle was  
replaced by a transport **schedule** redefined each week in the light of  
the volumes to be carried. Two types of approach were introduced. The  
first is classical and is centered on algorithmic **optimization**  
subject to the constraints, functioning in deferred time. It produces  
an automatic 'raw' plan. The second operates in an interactive mode,  
and refines the rounds, taking into account last-minute developments,  
or factors which cannot be included in a model. Automatically  
calculated indications enable the user to assess the impact of his  
decisions, and the drift in relation to the theoretic plan.|  
DE- distributive data processing; scheduling|  
ID- Andre Group; transportation plan; transport schedule; optimization;  
interactive mode|  
SF- C|  
CC- C7180 (Retailing and distribution)||

17/4/9 (Item 9 from file: 2)

FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 02527842|  
AZ- <INSPEC> C85044161|  
TI- Bus garage location planning with dynamic vehicle assignments: a  
methodology|  
AU- Maze, T.H.; Khasnabis, S.|  
CS- Highway & Transp. Eng. Center, Oklahoma Univ., Norman, OK, USA |  
JN- Transportation Research, Part B (Methodological)|  
CP- UK|  
VL- vol.19B, no.1|  
PG- 1-13|

Search Report from Ginger R. DeMille

PY- 1985|  
CO- TRBMDY|  
SN- 0191-2615|  
CD- <US COPYRIGHT CLEARANCE CENTER CODE> 0191-2615/85\$3.00+.00|  
DT- Journal Paper (JP)|  
LA- English|  
TC- Practical (P); Theoretical (T)|  
RF- 12|  
AB- A simultaneous vehicle **scheduling** and bus garage location and sizing **optimization** is described. The methodology's importance lies in its treating garage locations and sizes and vehicle **schedules** as dynamic. In other bus garage planning methodologies, **vehicle schedules** are assumed **fixed** . |  
DE- optimisation; scheduling; transportation|  
ID- location planning; dynamic vehicle assignments; methodology; vehicle scheduling; bus garage location; sizing optimization|  
SF- C|  
CC- C1180 (Optimisation techniques); C1290H (Transportation)||

17/4/10 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01695596 ORDER NO: AAD99-22990

**OPTIMIZING INTERMODAL RAIL OPERATIONS (FREIGHT, TERMINALS)**

Truck-rail intermodal operations entail the transport of freight containers by truck from the shipper to a nearby intermodal terminal, by train for the long-haul portion of the journey between intermodal terminals, and by track from the destination intermodal terminal to the consignee. The truck-rail combination provides the fuel and labor efficiency of long-haul trains and the door-to-door service of trucks.

We study rail intermodal operations and address the problem of how to **schedule** trains and allocate containers to the trains to meet due dates while minimizing the sum of **fixed** costs for running the **trains** and per unit costs for transporting containers and holding them in inventory. We consider both direct (origin to destination) and indirect (via a hub) trains, as well as dynamic arrivals of containers over a multi-period planning horizon.

We formulate this **optimization** problem as a mathematical program with integer decision variables. For problems with this structure, neither commercial **optimization** software nor classical solution approaches such as Lagrangian relaxation and Bender's decomposition can provide near-optimal solutions. We develop a new decomposition approach in which, broadly speaking, the train **scheduling** and container allocation decisions are made first at the origins, then outbound from the hub(s). We devise several schemes to implement this approach that differ in the degree of centralization of decision-making and in the information requirements at various decision points. We compare our approach with simple, common-sense methods that were designed to mimic current procedures, and with lower bounds (i.e., valid lower limits on the minimum cost). We develop methods to obtain these lower bounds that are much closer to the minimum cost than those provided by commercial **optimization** software. Our numerical study suggests that the new approach provides near-optimum solutions that could afford considerable savings from the costs incurred using current procedures. Our methodology can be extended to other settings in which there are fixed costs to provide increments of transportation capacity at



various locations and times, and per unit costs for the transportation of freight using the selected transportation **schedule** . Examples arise in air freight, trucking, and sea operations.

17/4/11 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01636420 ORDER NO: AADNQ-26444

**AFFECTATION DES LOCOMOTIVES AUX TRAINS (FRENCH TEXT, LOCOMOTIVE ASSIGNMENT, TRAIN SCHEDULING, NETWORK FLOW)**

The problem of assigning locomotives to trains is very important for railway companies, in view of the high cost of operating locomotives. The problem is to provide sufficient power to pull trains on fixed schedules, using the different types of available locomotives.

This thesis focuses on the operational problem over a one-week horizon. This problem is split into two separate decision levels: the operational strategic level and the operational tactical level. The strategic level determines a power dispatching pattern by day and by locomotive type at power change points. The tactical level involves the specific dispatching of each locomotive over a 24-hour horizon by considering more detailed constraints.

The strategic problem has been modeled as a multi-commodity network flow problem with additional constraints. The application considered for the Canadian National North America railway company (CN) represents a very large **scheduling** problem. The problem involving about 1300 locomotives and 2000 trains in one week has been decomposed into smaller overlapping problems involving 500 to 1000 trains. Each smaller problem is then solved using a Dantzig-Wolfe decomposition method, where subproblems are formulated as constrained or unconstrained shortest path problems depending on the locomotive type. The problem has been solved using the GENCOL software. However, this software had to be adapted to our problem and a new module was developed and added to the program.

Computational experiments have been conducted using actual data from the company CN. Our results indicate a 6% improvement in terms of the number of locomotives used compared to the current solution of the company. The results also show that there is a similar reduction in the power consumption, proving that the decrease in the number of locomotives is not obtained by removing the unused locomotives in the network. Note that each 1% improvement in the number of locomotives represents a 4 million dollar annual savings for the company.

When there is an insufficient number of locomotives available in the network, certain companies rent locomotives while others prefer to postpone train departure. We propose a heuristic that finds a feasible solution by **delaying** the departure of some trains depending on their type.

The second module that was developed is the tactical module. In this module the operational constraints are considered at a more detailed level. Perturbations in the railway network often produce delays in train scheduling at the operational level. The objective of the tactical module is to find an operational solution that minimizes the delays and the operational costs. The tactical module is solved by splitting the overall problem into smaller problems at each power change point. The new assignments of the locomotives to the trains reduce the delays in train departures by about 85% compared to the solution of the strategic module. (Abstract shortened by UMI.)

17/4/12 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01390666 ORDER NO: AAD95-00986

**HEURISTIC SEARCH AND ITS TRANSIT APPLICATIONS (ROUTING, SCHEDULING)**

This dissertation is concerned with the development, analysis, and application of solution techniques for any discrete **optimization** problem that can be represented by a locally finite graph. These solution techniques are based on heuristic search procedures from the artificial intelligence (AI) literature. Application is made to the problem of **scheduling** and routing paratransit vehicles in an intermodal itinerary selection problem involving fixed-route buses.

Relevant background on heuristic search theory is presented. We then investigate a multiobjective generalization of AO\*, an important AI-based AND/OR graph search algorithm. Similar to AO\*, this generalization is found to be complete and admissible under appropriately adjusted assumptions. Other relevant properties of this generalization that are considered include termination, comparison of heuristics, and efficiency. We also develop two new OR graph search algorithms, BA\* and DA\*, which are both extensions of A\*. Under reasonable conditions, these two algorithms find a minimum cost path from the start node to a finite goal node set in a directed OR graph, assuming that estimates of the optimal costs from each node to the goal node set are given, estimates of all arc costs are given, but that actual arc costs require determination. Characteristics of these two algorithms and results concerning the comparison of these two algorithms are presented.

A complex vehicle routing and **scheduling** problem, called the multimodal dial-a-ride problem, is defined in this dissertation. A multimodal dial-a-ride problem is a dial-a-ride problem that involves both paratransit **vehicles** and **fixed** route buses. We develop a solution procedure for the multimodal dial-a-ride problem by integrating heuristic search techniques with simulated annealing, a solution technique for combinatorial **optimization** problems. Computational experience with simulated data and real data is provided. Finally, some extensions to the work reported in this dissertation and possible directions for future research are discussed.

17/4/13 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01388356 ORDER NO: AAD95-00322

**ESSAYS IN SCHEDULING IN UNITED STATES MANUFACTURING AND FREIGHT RAILROAD**

Essay one: An empirical analysis of dynamic production behavior and input interaction studies. Essay One examines the differences of using seasonally adjusted and not seasonally adjusted data in the testing of dynamic production models and recommends the use of not seasonally adjusted data. I make three contributions to the dynamic production and input interaction literatures. First, I show seasonal adjustment reverses the implications of the estimated production smoothing results: Seasonally adjusted data suggest on average production is eighteen percent more volatile than sales; not seasonally adjusted data show on average firms use inventories to keep production levels nine percent less volatile than sales. Second, I extend the production smoothing model to demonstrate the significant use of backorders as a production smoothing agent. Finally, I

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show estimated interactions of inventories and inputs of production are biased by the seasonal adjustment of data.

Essay two: Achieving the optimal operating plan for a freight railroad using genetic and tabu searches. Essay Two solves a large-scale, capacitated, multicommodity dynamic network problem with **fixed** charges: The joint **train - scheduling** and demand-flow problem in freight railroad. No efficient **optimization** techniques are known to solve the NP-hard combinatorial **optimization** problem. The artificially intelligent genetic search technique, which has never been applied to the operating plan problem, is used to search for the optimum. The general nature of the search approach allows for more accurate and inclusive specification of **scheduling** costs and constraints than previously possible. However, the search has never been applied to a problem of such a large size. I propose a "tabu-enhanced" genetic search algorithm to improve the genetic search performance. The algorithms are tested against test problems with known optima. The results are compared for solution speed and nearness to optimality. I find the tabu-enhanced genetic search takes on average only 6% of the time required by the pure genetic search and consistently achieves better approximations to the optimum.

17/4/14 (Item 5 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01214137 ORDER NO: AADMM-59379

**THEORY AND APPLICATIONS IN REAL-TIME PROCESS CONTROL AND SIMULATION**

The thesis project is a computer-controlled miniature train system. Sensors along the rail track are used to detect train position. Movement of trains is accomplished through digital to analogue circuitry. Traffic flow in the miniature railway simulates that of a full-scale system. Trains move according to predetermined sets of travel orders and interact with one another based on priority. The operator of the miniature system creates travel orders which is analogous to the preparation of train **schedules** in the full-scale railway. The elements of randomness incorporated into the control system also simulate that which occurs in the real-world, e.g. random **delays** result when **train** or track **repair** is required. The reliability of the controller can be demonstrated by the injection of disturbance input, i.e. the operator can, at any point in time, enforce a change in the system, for example: alter a train's priority, change a speed limit, halt a train, open or close a switch.

The model developed for the thesis project is based on an existing system, the Canadian Pacific Railway (CP Rail). (Abstract shortened by UMI.)

17/4/15 (Item 6 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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892724 ORDER NO: AAD85-21587

**THE EFFECTS OF LOTTERY INCENTIVE PROGRAMS ON WORKER PRODUCTIVITY**

This dissertation consists of a field experiment designed to investigate the impact of "gambling" (variable amount--variable or continuous ratio) types of reinforcement **schedules** in the form of lottery incentive programs on productivity. It was hypothesized that incentive

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systems which employ a lottery theme would induce workers to more productivity than other, more traditional, types of incentives or straight hourly pay.

Automobile service mechanics were the subjects in this study, and the dependent variable consisted of the number of hours saved on **car repairs** compared to the standard for each repair. The cost per hour of output was also included in the productivity measure.

Three different lottery interventions were introduced into separate automobile dealerships. The first, Lottery 1, included immediate and **delayed** payoffs, both on a variable **schedule** of reinforcement. Lottery 2 consisted only of immediate payoffs on a continuous **schedule** of reinforcement. Lottery 3 began with immediate payoffs on a variable **schedule** then switched in the middle of the experimental period to immediate payoffs on a continuous **schedule** of reinforcement.

The two baseline conditions were included in the study to act as controls and consisted of post hoc records searches to determine the productivity levels in dealerships using traditional incentive pay systems and those paying straight hourly wages.

The results of the study revealed that both Lotteries 1 and 2 significantly improved the output of the service mechanics and Lottery 2 proved to be the most cost effective approach relative to the previous hourly system of pay. Also, the lotteries and the hourly pay systems were found to be significantly more cost effective than the traditional incentive pay programs already used in some dealerships. Therefore, these results led support to the research hypothesis and present to business a practical, cost effective alternative method for increasing productivity through employee incentives.

17/4/16 (Item 1 from file: 99)

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

AN- 2560442|

AA- BAST99056219|

ST- Corrected or revised record|

TI- Late October liftoff planned for shuttle HST servicing flight |

JN- Aviation Week & Space Technology|

SO- v. 151 no11 (Sept. 13 1999) p. 32|

DT- Feature Article|

SN- 0005-2175|

LA- English|

AB- NASA anticipates resuming space shuttle launches on October 28 with a Discovery mission to the Hubble Space Telescope (HST) after **repairs** to the shuttle **fleet** 's electrics. The HST servicing mission would be followed by the launch of the Shuttle Radar Topography Mission on November 19 on Endeavour after the Leonids meteoroid shower. The next flight is a mission on Atlantis to the International Space Station, which will be **delayed** until at least January 22, 2000, to permit inspection and repair of any wiring problems discovered in this orbiter just entering inspection. Agency managers will meet shortly to come to a solid conclusion on the **schedule** . |

DE- Hubble Space Telescope Maintenance and repair Manned space flight Extravehicular activity|

DE- Discovery (Space shuttle)\_Scientific applications|

Search Report from Ginger R. DeMille

**17/4/17 (Item 1 from file: 474)**

DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

06073901 NYT Sequence Number: 532517910528

**DESPITE SKEPTICS AND A MILLION MILES, AGENCY MAKES SUBWAY CARS LIKE NEW**

STROM, STEPHANIE

New York Times, Col. 1, Pg. 2, Sec. B

Tuesday May 28 1991

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

**ABSTRACT:**

Transit Authority **overhauls** 494 R-33 subway **cars** on **schedule** and on budget, confounding skeptics; \$201 million overhaul program was begun in 1986 and had to overcome initial friction between management and workers, lack of equipment and supplies, inexperience and **delays** ; photo (M)

SPECIAL FEATURES: Photo

COMPANY NAMES: NEW YORK CITY TRANSIT AUTHORITY (NYCTA)

DESCRIPTORS: TRANSIT SYSTEMS; SUBWAYS

PERSONAL NAMES: STROM, STEPHANIE

GEOGRAPHIC NAMES: NEW YORK CITY

**17/4/18 (Item 2 from file: 474)**

DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

01239528 NYT Sequence Number: 057964830115

**NHTSA announces preliminary finding that brakes are defective on 320,000**

**General Motors X-cars produced in '80. Schedules hearing for Feb 14 on whether cars should be recalled and brakes repaired at GM's expense.**

**Official finding that rear brakes on cars appear to have dangerous tendency to lock is announced over three years after complaints to GM and Federal Government prompted beginning of investigation and 18 months after test made by NHTSA indicated serious problem existed with cars.**

**Repr Timothy E Wirth reports he will continue investigation by his staff and GAO to discover why action on problem was delayed so long. Brands and models of cars in question detailed (M).)**

BURNHAM, DAVID

New York Times, Col. 2, Pg. 1, Sec. 1

Saturday January 15 1983

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

COMPANY NAMES: HIGHWAY TRAFFIC SAFETY ADMINISTRATION, NATIONAL; GENERAL MOTORS CORP; ACCOUNTING OFFICE, GENERAL (GAO)

DESCRIPTORS: AUTOMOBILES; BRAKES; RECALLS AND BANS OF PRODUCTS; AUTOMOBILE SAFETY FEATURES AND DEFECTS; TESTS AND TESTING; ACCIDENTS AND SAFETY;

CONGRESSIONAL INVESTIGATIONS

PERSONAL NAMES: BURNHAM, DAVID; WIRTH, TIMOTHY E (REPR)

**17/4/19 (Item 3 from file: 474)**

DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

Search Report from Ginger R. DeMille

00402066 NYT Sequence Number: 057406731219

NJ Gov-elect B T Byrne announces on Dec 18 that he is opposed to any further delay of mandatory auto exhaust inspection, now scheduled to begin on Feb 1; says he reached decision after receiving assurances for NJ Environmental Protection Dept and Motor Vehicles Div that inspection stations are equipped to conduct program, that it will result in gasoline savings and that service industries have facilities to make necessary repairs for 350,000 cars that are expected to fail inspection in 1st yr; inspection program described; NJ Sen F J Dodd, who said last wk that he would support delay, says he is unaffected by Byrne's decision; expects any attempt at delay to enjoy widespread support in legis, partly because legislators would believe it would be politically unpopular to force motorists to repair cars while indus is being allowed to relax its pollution standards during energy situation; Byrne's view is expected to prevail since his announcement is taken to mean that he would veto any delay passed by legis)

New York Times, Col. 6, Pg. 90

Wednesday December 19 1973

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

DESCRIPTORS: AIR POLLUTION; AUTOMOBILES; ENGINES; OIL (PETROLEUM) AND GASOLINE; SHORTAGES; STANDARDS AND STANDARDIZATION

PERSONAL NAMES: BYRNE, BRENDAN T; DODD, FRANK J (SEN); SULLIVAN, RONALD

GEOGRAPHIC NAMES: NEW JERSEY

17/4/20 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

06121144

Bengal Tiger acquired dedicated berth, container yard at Madras port

INDIA: BTL BUYS BERTH, CONTAINER YARD

Business Times (XBA) 2 Mar 1995 Shipping TimesP.1

Language: ENGLISH

Hamburg-based Bengal Tiger Line (BTL), an independent common feeder carrier, has purchased a dedicated berth and container yard from the Madras Port Trust in India. Under the accord, BTL will employ 4 vessels from its Singapore-Madras fleet on a fixed day 2-times weekly schedule. In the past, due to delays at Madras, BTL has deployed up to 7 vessels on this sector to meet the port's scheduled connections. The berth and fixed day service are said to "negate" waiting time at Madras, and facilitate customers' planning of sailing dates and connection times. Meanwhile, BTL holds a share of about 70% on the Singapore-Madras sector.

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 File 95:TEME-Technology & Management 1989-2004/Jun W1  
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Set	Items	Description
S1	122504	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?)(5N)(REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	16056	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	3001	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	5736	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	9880633	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	212	(S2:S4)(8N)S5(8N)(SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	2891	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	160	S1(10N)(TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N)S5

# Search Report from Ginger R. DeMille

S9 4683 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S10 4683 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S11 6054 (S1:S4 OR S7 OR S8) (2S) SCHEDUL?

S12 17 (S1:S4) (2S) (S9:S10) (2S) SCHEDUL?

S13 469 S11(2S) (DELAY? OR OPTIMIS? OR OPTIMIZ?)

S14 469 S13 NOT S14

S15 18 S11(2S) (DELAY? OR LATE OR BEHIND) (2S) (OPTIMIS? OR OPTIMIZ?)

S16 13 RD (unique items)

S17 13 RD S12 (unique items)

S18 298 S11(2S) DELAY?

S19 52 S18(2S) (REASON OR CAUSE)

S20 27 S19 NOT PY>2000

S21 20 RD (unique items)

S22 41 (S1:S4 OR S8) (3S) (S9:S10) (3S) (DELAY? OR LATE?)

S23 22 S22 NOT PY>2000

S24 16 RD (unique items)

?



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S2	16056	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	3001	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
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S7	2891	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
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S22 41 (S1:S4 OR S8) (3S) (S9:S10) (3S) (DELAY? OR LATE?)

S23 22 S22 NOT PY>2000

S24 16 RD (unique items)

?

Search Report from Ginger R. DeMille

? t16/3,k/all

**16/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02377266 125348991

**Insights from the top**

Birkland, Carol  
Fleet Equipment v28n5 PP: 14-21 May 2002  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 3355

...TEXT: any change of delivery instructions or timing that could affect the receiver. Mapping helps customers **optimize** routes and avoid potential **delays** , helping to ensure receivers enjoy on-time delivery of goods. Monitoring provides real-time location...

... and improve vehicle performance by receiving real-time diagnostic data and using that data to **optimize** preventive maintenance **schedules** . fuel efficiency and vehicle specs.

Gigou: First, affordable access to technology makes it possible for...

... ability to shut a vehicle down if it deviates from its intended route) along with **vehicle** diagnostics, programming and possibly **repair** .  
Schmueckle: The investment by trucking companies in communications and logistics technologies have helped build the...

**16/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02370495 122923701

**Transportation**

Talbot, David  
Technology Review v105n5 PP: 62-63 June 2002  
ISSN: 1099-274X JRNL CODE: TCR  
WORD COUNT: 1193

...TEXT: would benefit most from a new light-rail system, for example. "Improving highway traffic systems, **optimizing** rail **schedules** and even improving manufacturing processes comes down to ...simulation models can make more accurate predictions by using data on how drivers behave when **behind** the wheel, according to Der-Horng Lee, a civil engineer in Singapore. He is developing...

... us out of the equation. Even as he works on self-- diagnosis for jets and **trains** , Irving envisions machines performing self- **repair** on the fly-literally. "This is really out-there stuff, but this is the long...

**16/3,K/3 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02068002 60931326

Search Report from Ginger R. DeMille

**When three is not a crowd**

Birkland, Carol  
Fleet Equipment v26n9 PP: 60-63 Sep 2000  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 2090

...TEXT: 000 trucks that have elected not to do maintenance."

Summer, whose company specializes in emergency **repair** service, says that **fleets** that have a well-rounded preventive maintenance **schedule** are better able to control unscheduled maintenance or breakdowns. "I have always said that it is better to **fix** a **truck** in the shop than on the road," says Summer. "Unscheduled repairs are costly on several levels, which includes interrupting the delivery window caused by **delays**."

Strategic outsourcing, which Summer defines as the contracting of outside help to perform a particular task or on-going operation, is a means to control costs and **optimize** resources. He says that outsourcing can lower operating expenses via a reduction of overhead, eliminate...

**16/3,K/4 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
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01711468 03-62458

**Moving more for less**

Weil, Marty  
Manufacturing Systems v16n9 PP: 90-94 Sep 1998  
ISSN: 0748-948X JRNL CODE: MFS  
WORD COUNT: 1830

TEXT: Headnote:

Kimball International, others use transportation management systems to better execute shipments

TO CUT COSTLY **Delays**, manufacturers are turning to transportation management systems (TMS), which according to a number of industry...

... 40 percent to 60 percent of total logistics costs are devoted to transportation. "A TMS **optimizes** shipment plans, including freight consolidation, mode/carrier selection, and dedicated fleet routing and **scheduling**, all of which directly reduce operating costs," says Bill Nulty, senior vice president of products...

... TMSs have strong strategic- and tactical-planning modules, which allow extensive "what-if" capabilities to **optimize** the design of a transportation network; as well as **fleet** size, **fixed** /master route design, consolidation strategies, optimal shipment size/frequency, and territory design. Boston-based AMR...

**16/3,K/5 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

09993507 Supplier Number: 90384155 (USE FORMAT 7 FOR FULLTEXT)  
**From malls of Florida to Idaho fields, the slump is hard to find. (USA)**

Search Report from Ginger R. DeMille

The Christian Science Monitor, p01  
August 15, 2002  
Language: English Record Type: Fulltext  
Document Type: Newspaper; General  
Word Count: 1382

... very end of June. The bankrupt telecommunications firm is the county's second-largest employer, **behind** shaky United Airlines and ahead of America Online, whose AOL Time Warner parent continues to grind through a difficult restructuring.

Nevertheless, local chamber of commerce president Randy Collins remains cautiously **optimistic**. A new Nordstrom store is **scheduled** to open next month in the county. Two luxury auto dealers - BMW and Volvo - have...of Indian Affairs. Typically, residents have to drive 50 to 100 miles to get their **car fixed** or their teeth cleaned.

Times are similarly tough for aging McIntosh County, N.D., not...

16/3,K/6 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

12569780 SUPPLIER NUMBER: 64719642 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Centralized and decentralized train scheduling for intermodal operations.**  
NEWMAN, ALEXANDRA M.; YANO, CANDACE ARAI  
IIE Transactions, 32, 8, 743  
August, 2000  
ISSN: 0740-817X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 10119 LINE COUNT: 00859

... may be consolidated onto a single train. This consolidation may cause up to several days' **delay** for transferring containers, repositioning railcars between trains, and waiting for the arrival of a train...

...and Yano (1998) for a more detailed description of these costs.

We assume that hub **delays** and transit times are deterministic, constant across time, and that both are expressed as an...

...time is expressed in days, not hours or minutes, there is implicit slack in the **schedule** to accommodate most unforeseen events. Explicit slack can be included (as is done in practice) to help ensure on-time delivery by further inflating **scheduled** transit and hub **delay** times.

We assume there is no limit on the number of trains that can be... integer program and uses Lagrangian relaxation to solve it. Crainic and Rousseau (1986) develop an **optimization** framework for medium- to long-term service network planning for multimode freight transportation. Decisions include...

16/3,K/7 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10463398 SUPPLIER NUMBER: 21136473 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Commonalities, conflicts and contradictions in organizational masculinities: exploring the gendered genesis of the Challenger disaster.**  
(Space Shuttle Challenger)

Search Report from Ginger R. DeMille

Maier, Mark; Messerschmidt, James W.

Canadian Review of Sociology and Anthropology, v35, n3, p325(20)

August, 1998

ISSN: 0008-4948

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9150

LINE COUNT: 00751

... the early 1980s to two flights per month, NASA suffered repeated embarrassments by the inevitable **delays** which plagued the fragile system, and had to be content to fly just nine missions...

...had before. But, as the Presidential Commission cautioned, "NASA's legendary can-do attitude (and) **optimism** must be tempered by the realization that it cannot do everything" (Presidential Commission, 1986: 171...

...to his managers that "under no circumstances is Marshall to be the cause of a **delay** ." As one Marshall insider revealed, this helped create an entrepreneurial context; that is, managers said...

**16/3,K/8 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

37094435 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Event Brief of Q2 2004 TEEKAY SHIPPING MARSHALL ISLAND Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE

July 22, 2004

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4495

... took delivery of a third LNG vessel earlier this month and expects the fourth in **late** 2004. 5. 2Q04 Income Statement: 1. Net interest expense was \$25.8m vs. \$20.4m... think we have an opportunity to grow a platform from every angle. We are very **optimistic** about the spot market, feel very positive about it, and we are active building our...

**16/3,K/9 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

36438995

**Inter-Alliance Gp - Final Results**

CNF

June 30, 2004

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 18751

... the profit and loss account to write down the book value to AGBP Nil. 14 Tangible **Fixed Assets** Motor **Fixtures** & Computer **vehicles** fittings equipment Total Group AGBP'000 AGBP'000 AGBP'000 AGBP'000 Cost At 1...4,831 5,494 At 31 December 2003 14 102 3,107 3,223 Motor **Fixtures** & Computer **vehicles** fittings equipment Total Company AGBP'000 AGBP'000 AGBP'000 AGBP'000 Cost At 1...

Search Report from Ginger R. DeMille

16/3,K/10 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

35501675 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**AutoZone Inc. at Lehman Brothers 7th Annual Retail Seminar - Part 1**  
FAIR DISCLOSURE WIRE  
April 27, 2004  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 5142

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... it to three miles around the store, we do a couple of things. One, we **optimize** our distribution economics on that small truck that we're going to have going around...

...the number one thing that our customers need on the commercial side. And then beyond, **behind** service level comes availability of parts, quality of parts and pricing. So we make sure...

... those professionals pay a monthly subscription for software called ALLDATA that tells them how to **fix** the **vehicle**, step-by-step instructions for the professional on how to fix all the year, makes...  
... one, to continue to provide content to our customers in order to help them to **fix vehicles**, but it gives us an edge up in terms of dealing with that customer because...

16/3,K/11 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

31961311 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Event Brief of Q3 2003 Hughes Electronics Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE  
October 14, 2003  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4304

... 3. Additional time required to review newly gathered information and coordinate with DOJ. 4. Remain **optimistic** can complete transaction by end of this year. 3. Closing Comments: 1. 3Q03 results stepping...by year-end, and expand number of local channel markets. 7. As a result of **delays** of manufacturing and testing the satellite, mid to **late** 1Q04 to launch DIRECTV 7 S. 8. With successful launch, will expand local channel penetration...

... capital management, and lower Capex. 2. Reached cash flow breakeven point, three months ahead of **schedule**. 5. New orders strong, \$326m in quarter, 45% increase over same period last year. 1...broadband, and renewed five-year service contract worth \$35m. 1. Signed renewals with BP Amoco, **JiffyLube**, Cendant, Ryder and others. 2. Signed with Blockbuster to upgrade network to broadband, worth \$40m...

...satellite to be completed toward the end of the year and launched in mid to **late** 1Q04. A. (Rob Hall) We believe that Charlie's bid will not be

accepted. There...

16/3,K/12 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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30588664 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Q2 2003 Global Industries Earnings Conference Call - Part 1**  
FAIR DISCLOSURE WIRE  
August 07, 2003  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4707

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... out. The other aspect about the slippage between projects is that if our barges are **delayed** either due to rescheduling for weather, it impacts all the third party subcontract cost associated with barge and so we did have some logistics and transportation **delays** that contributed to those cost overruns. THE CALLER: Sure if you look at your backlog...

...some bids starting this spring, I think last quarter conference call you guys were pretty **optimistic** about the amount of work coming out of Mexico the next couple of years and...

... fourth-quarter of 2003. (indiscernible) over \$850 million of pipeline projects on PMex's (ph) **schedule** that will be anticipated to be awarded in 2004. A majority of which will be...work that was done last year. As you're aware that sometimes the firms are **late** in getting their bills in and we actually received bills for last year in the...

16/3,K/13 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00808029 20020808NYTH011 (USE FORMAT 7 FOR FULLTEXT)  
**Tsakos Energy Navigation (TEN) Reports Profits**  
PR Newswire  
Thursday, August 8, 2002 07:03 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 2,068

...vessel for three months. Due to the weak market environment, TEN accelerated its dry docking **schedule** in the second quarter, and will continue to do so in the third quarter to...

...contracts. As of July 1, 2002, TEN has secured 78% and 55% of the current **fleet**'s net operating days with **fixed** or variable rates for the remaining six months of 2002 and all of 2003, respectively...

...industry's



Search Report from Ginger R. DeMille.

supply/demand is in delicate balance. Much greater than usual scrappage activity in **late** 2001 and early 2002 has restricted capacity expansion despite growing newbuilding activity.

In 2003 the...rates, which are accretive to earnings.

Management and the Board of Directors of TEN remain **optimistic** as to the long-term prospects for the oil tanker industry and the Company. The...  
?

Search Report from Ginger R. DeMille

? t17/3,k/all

17/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00533738 91-08082  
**Computers Controlling Costs**

Anonymous  
Fleet Equipment v17n1 PP: 40-42 Jan 1991  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 1023

...TEXT: warranties increases. Good records can help maximize the amount of warranty reimbursement available to your **fleet** .

Outside **repairs** can also be controlled more efficiently with good cost data. Make sure you include the **scheduling** , PM and **repairs** , generating **repair** orders, **predicting** job time , generating corporate budgets, and disposal of junk parts and materials are a few of the...

17/3,K/2 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09187646 Supplier Number: 57823703 (USE FORMAT 7 FOR FULLTEXT)  
**GATS gets in gear. (Great American Trucking Show)**  
DEIERLEIN, BOB  
Beverage World, v118, n1683, p76  
Nov 15, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2458

... maintenance card and up-front pricing.

With GM Goodwrench Fleet Service, commercial truck customers will **schedule** appointments with participating dealerships for service or maintenance through a GM Goodwrench Fleet Service dedicated advisor.

At the dealership, the dedicated service advisor will write up their order. Within two **hours** , that advisor will provide the customer with a vehicle diagnosis, an **estimate** of the **time** it will take to **repair** that **vehicle** and a cost **estimate** .

FREIGHTLINER: Introduced the Columbia, a versatile, 120-inch BBC, set-back axle, Class 8 tractor...

17/3,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08121156 Supplier Number: 67706433 (USE FORMAT 7 FOR FULLTEXT)  
**DriveLogic Offers Free Web-Based Collision Repair Solution To Help Repair Facilities Improve Customer Service and Business Efficiency.**  
Business Wire, p2068  
Dec 8, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade

Search Report from Ginger R. DeMille

Word Count: 1022

... tools:

- A Web Center home page with vital consumer information (location, map, driving directions, business hours, services offered, certifications, etc.)
- Customer appointment **scheduling** for **estimates** or **repairs**
- **Repair** status management tool for tracking the status of **repair** jobs
- Automatic e-mail notifications to **vehicle** owners when the **repair** status changes
- A **business** e-mail account to facilitate communications to customers, vendors and other business alliances
- Customer satisfaction...

17/3,K/4 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08057695 Supplier Number: 67052268 (USE FORMAT 7 FOR FULLTEXT)  
**Battle for installers will be won with customer attention and service. (Car-X Service Systems Inc.) (Brief Article)**  
Aftermarket Business, v110, n11, pS74  
Nov, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal  
Word Count: 382

The focus of the **automotive repair** industry has changed several times over the past 30 to 40 years, from a time...

...the past, consumers had to visit a number of locations to get competitive pricing or **repair time estimates**," he said. "Today they can simply go online to get a list of options to choose from."

In some cases consumers can get estimates, compare benefits and even **schedule** appointments without ever leaving home. While a vast number of repair centers are still not...

17/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

0016790875 SUPPLIER, NUMBER: 114050103 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Shop software. (Toolbox: tools, parts and resources for every shop, every day)**  
Motor Age, 123, 2, 84(1)

Search Report from Ginger R. DeMille

Feb, 2004

ISSN: 1520-9385

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 80

LINE COUNT: 00010

TEXT:

...repair estimates, electronic invoicing and service reminders; and offers time-to-completion estimates and job **scheduling** .

**17/3,K/6 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

14787977 SUPPLIER NUMBER: 89274377 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Achieves quality. (How a Fleet Maintenance Facility) . (Paramus NJ service department)**

Public Works, 133, 8-136(2)

July, 2002

ISSN: 0033-3840

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1041

LINE COUNT: 00094

... PREVENTIVE/PREDICTIVE MAINTENANCE

By identifying potential problems before they turn into major issues, preventive and **predictive** maintenance programs help eliminate high-priced and **time** -consuming **repairs** . As a result, such programs lie at the center of any successful fleet operation. "Our...000 miles or three months, while diesel-powered equipment is maintained on a six-month **schedule** . Technicians inspect seasonal and specialized equipment based on their frequency of use.

Most successful managers from the **fleet** until it is **repaired** .

COMPUTERIZED WORK MANAGEMENT

While preventive and predictive maintenance programs reduce the likelihood of repair, it...

**17/3,K/7 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

11399481 SUPPLIER NUMBER: 55851493 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Industry notes. (multiple brief articles) (Brief Article)**

Motor Age, 118, 9, 70

Sept, 1999

DOCUMENT TYPE: Brief Article

ISSN: 0193-7022

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 859

LINE COUNT: 00072

... by the the Automotive Service Professionals of Minnesota. Mitch Schneider and Craig Van Batenburg are **scheduled** to speak on Thursday evening followed by two AMI-accredited courses on Friday. For registration ...

**17/3,K/8 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

10495013 SUPPLIER NUMBER: 21129474 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Search Report from Ginger R. DeMille

**The 21st century shop. (21st Century Service)**

Molla, Tony

Motor Age, v117, n9, p142(4)

Sept, 1998

ISSN: 0193-7022

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2770

LINE COUNT: 00223

... system service. They agree on an appointment for the next weekend and it is automatically **scheduled** on her computer at home.

Complete information on the customer's repair is also entered...

**17/3,K/9 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

02318593 SUPPLIER NUMBER: 03585428 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Scheduling bays for profit.**

Kelch, Maggie

Home & Auto, v95, p19(1)

Jan 1, 1985

ISSN: 0162-8801

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1469

LINE COUNT: 00110

... the bay. The service manager, therefore, tries to be as close as possible in his **estimation** of the **time** needed to complete **repairs**."

Determining Timing

Service bay operators said they use several sources in determining the time frame...

**17/3,K/10 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

35246191 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Event Brief of Q1 2004 Rowan Companies, Inc. Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE

April 14, 2004

JOURNAL CODE: WFDW

LANGUAGE: English

RECORD TYPE: FULLTEXT

WORD COUNT: 4737

... bid in the Middle East and India. 4. Global Santa Fe's Adriatic II is **scheduled** for arrival in the region August, 2004. 5. Day rates in the region range from...

**17/3,K/11 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

35246176 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Q1 2004 Rowan Companies, Inc. Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE

April 14, 2004

JOURNAL CODE: WFDW

LANGUAGE: English

RECORD TYPE: FULLTEXT

WORD COUNT: 4844

Search Report from Ginger R. DeMille

... being bid in the Middle East and India; Global Santa Fe's Adriatic 2 is **scheduled** for arrival in the region August, 2004. Day rates in the region range from the...

17/3,K/12 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09170961 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Rumblings**

CRAIN'S DETROIT BUSINESS, p30

January 18, 2000

JOURNAL CODE: WCDB LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 870

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in its own online ``garage''). The site will also e-mail them when it's **time** for check-ups or recalls and let them **schedule car repairs** anytime, get **estimates** and rentals.

Dealers would pay a commission every **time** the site is used to book a repair and along with manufacturers could advertise new...

17/3,K/13 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00424474 20001208343B2472 (USE FORMAT 7 FOR FULLTEXT)

**DriveLogic Offers Free Web-Based Collision Repair Solution To Help Repair Facilities Improve Customer Service and Business Efficiency-Includes customizable Web site, status management tools, e-mail account and more**  
Business Wire

Friday, December 8, 2000 07:55 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,026

...tools:

- A Web Center home page with vital consumer information  
(location, map, driving directions, business **hours** , services offered, certifications, etc.)
- Customer appointment **scheduling** for **estimates** or **repairs**
- **Repair** status management tool for tracking the status of **repair** jobs
- Automatic e-mail notifications to **vehicle** owners when the **repair** status changes
- A **business** e-mail account to facilitate communications to customers, vendors and other business alliances
- Customer satisfaction...

?

? t21/3,k/all

**21/3,K/1 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

02004001 52082355

**Trains ran despite flaws**

Anonymous

Japan Times v40n6 PP: 4 Mar 16-Mar 31, 2000

ISSN: 0447-5763 JRNL CODE: JAN

WORD COUNT: 471

...TEXT: in the base of the bogies on the train, as well as on eight other trains . Poor repair welding following the first incident caused the cracks to open up in 33 of the...

... irregularities to either the Tokyo governor or the Transport Ministry because the problems did not cause schedule delays or injuries and did not fit the Transport Ministry's criteria for accidents.

The revelation...

**21/3,K/2 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01823917 04-74908

**Rapid cycle-time redesign: Productive at any speed**

Debetaz, Paul

Journal for Quality & Participation v22n3 PP: 24-28 May/Jun 1999

ISSN: 1040-9602 JRNL CODE: QCJ

WORD COUNT: 2053

...TEXT: waiting, and storage.

Variances: problems, defects, mistakes, or other disturbances in the process that affect efficiency . Examples include wrong parts, data entered incorrectly, delays , and bottlenecks.

Key variances: variances that cause the most significant process problems, such as stopping the process, producing defects, wasting people's ...

**21/3,K/3 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01685475 03-36465

**Recent budgetary reforms in Singapore**

Jones, David Seth

Journal of Public Budgeting, Accounting & Financial Management v10n2 PP: 279-310 Summer 1998

ISSN: 1096-3367 JRNL CODE: PBFM

WORD COUNT: 10523

...TEXT: imperative that the supply of information on operating costs

Search Report from Ginger R. DeMille

should be substantially increased. For this **reason** the Singapore government introduced in 1991 the Management Accounting System (MAS) for the public service...

... of non-cash or accrual costs are the imputed costs arising from the usage of **fixed** assets, including motor **vehicles**, furniture, fittings, equipment and tools, reflecting the depreciation of the assets within the financial year...

... by dividing the initial valuation of the asset by the number of years within its **scheduled** life-span. This has necessitated a register and valuation of fixed assets used by ministries...

... an asset recording system, known as the Fixed Asset System (FAST). Despite initial shortcomings and **delays**, steps have now been taken to compile a register of fixed asset valuations, although this...

21/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01399337 00050324  
**Come listen to a story**  
Gourley, Colleen  
Distribution v96n3 PP: 58-59 Mar 1997  
ISSN: 1066-8489 JRNL CODE: DWW  
WORD COUNT: 980

...TEXT: an issue we deal with all the time."

Trouble Behind

To aid Mobil in its **production**, MVLS prepares a seven-day forecast, detailing when empties are **scheduled** to return. This system according to Smith, has allowed the company to improve its loading...

... the coordinators alert Mobil when there is a problem. "The customer is aware of the **reason** for the **delay**, whether it's due to congestion or a bad order," Smith says. MVLS suggests how...

... also report if the ETA of a supplier's inbound shipment is going to affect **production**.  
Mobil still utilizes its RailTrac system to handle its billing and freight payment operations. However...

21/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01087281 97-36675  
**Logistics networking**  
Brimer, Roy C  
Logistics Information Management v8n4 PP: 8-11 1995  
ISSN: 0957-6053 JRNL CODE: LIM  
WORD COUNT: 3246

...TEXT: engineers experienced in the discipline required to maintain the



Search Report from Ginger R. DeMille

product. This may be mechanical, electrical, **software** or design. Their experience as instructors may be secondary to that required by the subject ...

... classroom is normal. This would include the preparation of classroom hand-outs.

Training should be **scheduled** to be concurrent with or prior to the product delivery. However, training preparations are squeezed...

...hand-outs. If either the logistics engineer or the publications engineer is late, for whatever **reason**, the instructors' preparation time is affected. **Delay** in preparation to the point of impacting on training before the delivery of the product...

21/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01017793 96-67186

**Time-based management of technology: A taxonomic integration of tactical and strategic roles**

Gehani, R Ray

International Journal of Operations & Production Management v15n2 PP: 19-35 1995

ISSN: 0144-3577 JRNL CODE: IJO

WORD COUNT: 7026

...TEXT: Beside considering the issue of right timing of availability of parts in different stages of **production** value chain, the Japanese have also paid high attention to speed and reduction of cycle times in manufacturing. In 1971, Toyota's **production** control department started a campaign to reduce setup times. Its 800 ton presses for forming...

...sure and truthful measure, because a plant can reduce it only by solving problems that **cause delays**. Those (problems) cover the gamut: order-entry **delays** and errors, wrong blueprints or specifications, long setup times and large lots, high defect counts, machines that break down, operators who are not well trained, supervisors who do not coordinate **schedules**, suppliers that are not dependable, long waits for inspectors or repair people, long transport distances...

21/3,K/7 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT.(R)

(c) 2004 The Gale Group. All rts. reserv.

05869188 Supplier Number: 53026251 (USE FORMAT 7 FOR FULLTEXT)

**Greenbrier Fiscal Year 1998 Earnings to Exceed Analysts' Expectations.**

PR Newswire, p8642

Sept 28, 1998

Language: English Record Type: Fulltext

Document Type: Newswire, Trade

Word Count: 679

... equipment and services to the railroad industry in North America. Greenbrier builds new railroad freight **cars** and **repairs** and refurbishes

Search Report from Ginger R. DeMille

freight **cars** and wheels at seven locations across North America. At Greenbrier's Portland, Oregon manufacturing facility...

...financial performance. These forward-looking statements are dependent on a number of factors which could **cause** actual results to differ materially from those expressed or implied in the forward-looking statements...

...things, business conditions and growth in the surface transportation industry, both domestic and international; a **delay** or failure of acquisitions; and competitive factors, as well as the risks, uncertainties, and other...

...financial performance. These forward-looking statements are dependent on a number of factors which could **cause** actual results to differ materially from those expressed or implied in the forward-looking statements...

...things, business conditions and growth in the surface transportation industry, both domestic and international; a **delay** or failure of acquisitions; and competitive factors, as well as the risks, uncertainties, and other...

21/3,K/8 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

03249638 Supplier Number: 44468925 (USE FORMAT 7 FOR FULLTEXT)

**ROBISON OIL FIRST TO EMPLOY ICC MODULE FOR DISPATCHING SERVICE TRUCKS OVER RAM**

En Route Technology, v3, n4, pN/A

Feb 28, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 407

... DisMis) for, obviously, fleet dispatching and Maintenance Management Information Systems for keeping track of its **fleet**'s **repair** and servicing needs. The maintenance software handles such tasks as **scheduled repairs**, labor, ordering parts, inventories, allocating **vehicles** based on available equipment and reporting.

When a customer contacts Robison for any **reason**, a company dispatcher processes the call on an in-house 80486 PC which forwards the...

...was the initial beta tester, says Antonacci. The tests started in the fall but were **delayed** because of the severe winter weather in the Northeast.

In addition to Robison, Chicago, Philadelphia...

21/3,K/9 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

12569780 SUPPLIER NUMBER: 64719642 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Centralized and decentralized train scheduling for intermodal operations.**

NEWMAN, ALEXANDRA M.; MANO, CANDACE ARAI

IIE Transactions, 32, 8, 743

August, 2000

ISSN: 0740-817X

LANGUAGE: English

RECORD TYPE: Fulltext

Search Report from Ginger R. DeMille

WORD COUNT: 10119 LINE COUNT: 00859

... time delivery requirements and adhering to train capacity restrictions. The total cost consists of a **fixed** charge per limited-capacity **train** which depends on the transit time and locomotive requirements for the specific rail segment, a...

...and Yano (1998) for a more detailed description of these costs.

We assume that hub **delays** and transit times are deterministic, constant across time, and that both are expressed as an...

...time is expressed in days, not hours or minutes, there is implicit slack in the **schedule** to accommodate most unforeseen events. Explicit slack can be included (as is done in practice) to help ensure on-time delivery by further inflating **scheduled** transit and hub **delay** times.

We assume there is no limit on the number of trains that can be...

21/3,K/10 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10463398 SUPPLIER NUMBER: 21136473 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Commonalities, conflicts and contradictions in organizational masculinities: exploring the gendered genesis of the Challenger disaster. (Space Shuttle Challenger)**

Maier, Mark; Messerschmidt, James W.  
Canadian Review of Sociology and Anthropology, v35, n3, p325(20)  
August, 1998

ISSN: 0008-4948 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 9150 LINE COUNT: 00751

... made it clear to his managers that "under no circumstances is Marshall to be the **cause** of a **delay** ." As one Marshall insider revealed, this helped create an entrepreneurial context; that is, managers said...

21/3,K/11 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05910501 SUPPLIER NUMBER: 12503475 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Review board seen as threat to new emissions rules. (Focus: Environment and Business) (Industry Overview)**

Impellizzeri, Laura  
Boston Business Journal, v12, n4, p18(1)  
March 16, 1992

DOCUMENT TYPE: Industry Overview ISSN: 0746-4975 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1343 LINE COUNT: 00107

... states considering the regulations. She even asked for the governor's assurance that the only **reason** he approved the resolution forming the commission was that it also created the inspection and...

21/3,K/12 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

Search Report from Ginger R. DeMille

(c)2004 The Gale Group. All rts. reserv.

04150644 SUPPLIER NUMBER: 08039487 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**After the great quake of '89. (San Francisco Bay Area; includes Colliers  
Weekly May 5, 1906 report on the 1906 earthquake)**  
Budiansky, Stephen  
U.S. News & World Report, v107, n17, p28(6)  
Oct 30; 1989  
CODEN: XNWRA ISSN: 0041-5537 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 2877 LINE COUNT: 00221

... trains that currently carry 100,000 people a day under the Bay,  
persuading employers to **schedule** staggered work shifts and assembling a  
fleet of 14 ferry boats borrowed from Southern California...

...ripple effects and showed that sometimes the best preparations cannot  
mitigate the disruption that quakes **cause**. A computer used to pass  
information from 911 callers to police and fire dispatchers failed...

21/3,K/13 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

1780312 Supplier Number: 01780312 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Come listen to a Story**  
**(Mobil Oil Corp's Lubricants Division streamlines its supply chain, and  
turns to Mark VII Logistics Services to improve customer relations)**  
Distribution, v 96, n 3, p 58+  
March 1997  
DOCUMENT TYPE: Journal ISSN: 1057-9710 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1214

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...an issue we deal with all the time."

Trouble Behind

To aid Mobil in its **production**, MVLS prepares a seven-day forecast,  
detailing when empties are **scheduled** to return. This system, according to  
Smith, has allowed the company to improve its loading...  
...the coordinators alert Mobil when there is a problem. "The customer is  
aware of the **reason** for the **delay**, whether it's due to congestion or a  
bad order," Smith says. MVLS suggests how...

...also report if the ETA of a supplier's inbound shipment is going to  
affect **production**.

Mobil still utilizes its RailTrac system to handle its billing and freight  
payment operations. However...

21/3,K/14 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter

Search Report from Ginger R. DeMille

(c) 2004 The Dialog Corp. All rts. reserv.

10579372 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Off.of the Rail Reg - Re Incentive Framework**

REGULATORY NEWS SERVICE

April 14, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3888

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... level of performance and to define an enforceable target which permits a fixed percentage more **delay** minutes per train mile than the monitoring target. If Railtrack fails to meet this target...

... avoid unnecessary complexity and to achieve a more consistent approach to compensation regardless of the **reason** for the possession. His present view is that the free possessions allowance should be removed and that the **Schedule 4** rates should be used to determine the level of compensation for disruptive enhancements under Part G of the Track Access Conditions. The **Schedule 4** rates will of course rise as a result of the proposed increases in the **Schedule 8** incentive rates.

Sustained network outputs

1.17 Considerable progress has been made with Railtrack...

**21/3,K/15 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

08734211 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**From Submarines to Buildings, Engineers Try to Understand Vibration**

Henry J. Holcomb

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS ( PHILADELPHIA INQUIRER - PENNSYLVANIA)

December 16, 1999

JOURNAL CODE: KPIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1245

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... In contrast, Kalay said that acoustic analysis would detect problems early enough to allow scheduling **repairs** after the **car** has been unloaded at its destination.

For all this recent progress, many say the industry...

**21/3,K/16 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

07778689 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Off.of Rail Reg - Re Incentive Consultation Doc**

REGULATORY NEWS SERVICE

October 15, 1999

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 5120

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Search Report from Ginger R. DeMille

... of procuring and distributing the electricity which is used by operators for traction purposes); and - **fixed** charges (which allocate between the **train** operators the costs which Railtrack does not recover from other sources). Currently over 90% of...Railtrack's customers and passengers. 1.33 He is also reviewing the performance regimes (in **Schedule 8** of Railtrack's passenger track access agreements) and considering how these might be improved...

... implications for freight. 1.34 Similar issues arise in relation to the possessions regimes (in **Schedule 4** of Railtrack's passenger track access agreements). In reviewing the operation of the current...The effectiveness of the performance regimes is dependent on the accurate measurement and attribution of **delay**. If there is suspicion that measurement and attribution is materially inaccurate or incomplete, the economic incentives will be undermined, and industry focus will be more on verifying **delay** data than on dealing with the causes of **delay**. 1.36 The Regulator is therefore reviewing the operation of Part B of the Track...

21/3,K/17 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02201297 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Greenbrier Announces Strong Increase in Revenues and Earnings.**  
PR NEWSWIRE  
July 14, 1998 7:19  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2698

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... financial performance. These forward-looking statements are dependent on a number of factors which could **cause** actual results to differ materially from those expressed or implied in the forward-looking statements...

... things, business conditions and growth in the surface transportation industry, both domestic and international; a **delay** or failure of acquisitions; and competitive factors, as well as the risks, uncertainties, and other...

21/3,K/18 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02766831 Supplier Number: 45615570 (USE FORMAT 7 FOR FULLTEXT)  
**GAO SAYS SPACE STATION WILL COST \$94 BILLION, INCLUDING SHUTTLE**  
Satellite Week, v17, n25, pN/A  
June 19, 1995  
Language: English Record Type: Fulltext  
Article Type: Biography  
Document Type: Newsletter; Trade  
Word Count: 833

... in FYs 1996-1997 and lack of definitive financial agreements

Search Report from Ginger R. DeMille

between Boeing and subcontractors could **delay schedule** or **cause** costs to skyrocket. NASA plans to complete independent review of program costs this year.

House...

...signed memorandum of understanding to jointly investigate commercial feasibility of developing Inspector, free-flying servicing **vehicle** for spacecraft inspection and **repair**. DASA is building prototype that Energia will launch for testing to Mir space station aboard...

21/3,K/19 (Item 2 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02591685 Supplier Number: 45239719 (USE FORMAT 7 FOR FULLTEXT)

**AROUND THE STATES: CALIFORNIA TARGETS DIRTIEST VEHICLES FOR ENHANCED TESTS TO CUT SMOG**

Air Water Pollution Report, vl, nl, pN/A

Jan 2, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 759

... A reduction of money in the cash fund would cut into the Highway Trust Fund, **delaying** **delay** road construction or forcing an increase the gasoline tax.

NEW JERSEY-The Department of Environmental...

...allowance, noting the utility's proposed Phase II acid rain permit for the facility could **cause** excess SO2 emission allowances not allowed under the 1990 Clean Air Act amendments.

PENNSYLVANIA-U...

21/3,K/20 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0184154

SF003A

**EPA PROPOSES 14 WESTERN FEDERAL FACILITIES FOR SUPERFUND LIST**

DATE: July 13, 1989

12:51 E.T.

WORD COUNT: 2,711

...base.

Endrin, benzene, 1,1,1-trichloroethane, tetrachloroethylene and 1,1-dichloroethane were detected in **monitoring** wells in different parts of the base, according to a 1986 IRP report. An estimated...

...type and extent of contamination and identify alternatives for remedial action. The RI/FS report, **scheduled** to be released in the summer of 1989, was **delayed** to permit further investigation into the **cause** of a "swelling affliction" noted in horses and in humans in contact with horses in...  
?

Search Report from Ginger R. DeMille

? t24/3,k/all

**24/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01991244 50095047

**Estimating highway mobility benefits**

Decorla-Souza, Patrick  
Institute of Transportation Engineers. ITE Journal v70n2 PP: 38-43 Feb  
2000  
ISSN: 0162-8178 JRNL CODE: TE  
WORD COUNT: 3649

...TEXT: base case, and there is a presumption that the No Build base travel and vehicular **delay** estimates are realistic.

However, the severe congestion impacts modeled for the base can never exist in reality. Before the large **delays** forecasted under base conditions could occur, it is probable that travelers would choose to travel...

... calculations are based on the Bureau of Public Roads formula.7 Assuming a value of **time** of \$ 10/vehicle **hour** , a 10-mile freeway trip is **estimated** to save about 73 cents in travel- **time** costs if a **fixed** peak-hour percentage (i.e., 9.7 percent) is used in the analysis. Such a ...  
... i.e., 8 cents/trip). Thus, benefits under the two alternative peaking assumptions would be **estimated** as follows:

**Fixed peak- hour percentage:**

5,432 **vehicle** trips x 73 cents = \$3,965

**Actual peak-hour percentage:**

3,920 vehicle trips x...

**24/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01017151 96-66544

**Calling auto enthusiasts**

Chanil, Debra  
Discount Merchandiser v35n4 PP: 14-16 Apr 1995  
ISSN: 0012-3579 JRNL CODE: DMD  
WORD COUNT: 202

...TEXT: selling parts and accessories. If we can help our customers learn something new or save **time** and money on **car repairs** , then we've met our **goal** ."

The Automotive Club is the **latest** in services the chain has added recently for their customers, including a computerized parts system...

**24/3,K/3 (Item 3 from file: 15)**

130-Aug-0410:50 AM



Search Report from Ginger R. DeMille

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01000653 96-50046

**The struggle to create an organization for the 21st century**

Jacob, Rahul

Fortune v131n6 PP: 90-99; European 60-67 Apr 3, 1995

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 3701

...TEXT: to be in? What are the processes that drive that?" Ford made building easy-to- **repair cars** one of its core processes, and so rather than pinching pennies, it has doubled staffing...if we got close enough, we'd pull the trigger and pick up the pieces **later**."

Still, managers who once competed for resources now work in teams alongside finance folk and...

**24/3,K/4 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00657069 93-06290

**Astute Appraisals**

Baker, Jeffrey D.

Best's Review (Prop/Casualty) v93n8 PP: 42-46 Dec 1992

ISSN: 0161-7745 JRNL CODE: BIP

WORD COUNT: 1508

...TEXT: when I go into that shop is ask him if he has taken any trips **lately** . We'll get into a conversation about it, and I show that I am interested...

...estimate, which often is unrealistically high.

One approach is to determine the minimum amount of **hours** it could take to **repair** the damaged **vehicle** . After the manager insists that your **time estimate** is too low, which he invariably will, add a few hours here and there for...

... the battle, often forgetting about the dollar figure he originally had in mind.

**NEGOTIATE THE HOURS**

Another good method of reducing shop **estimates** is to break down by **hour** each aspect of the **repair** . For example, consider a shop that wants 12 hours to fix a frame that has...

**24/3,K/5 (Item 5 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00656401 93-05622

**Sears Warns Auto Repair Crisis Could Happen to Others**

Anonymous

NPN: National Petroleum News v84n13 PP: 19-20 Dec 1992

Search Report from Ginger R. DeMille

ISSN: 0149-5267 JRNL CODE: NPN  
WORD COUNT: 1858

...TEXT: columnist for Service Station Management and Motor Service magazines, underscored the rapid advance of diagnostics, **predicting** that diagnosis in the future will take more **time** than **repair**.

He posed two major dilemmas facing the auto repair industry: Consumers will be left much...

... take longer to diagnose than it can to repair," he commented. "How much do you **delay** the diagnosis when the details of why and how the computer is doing are purposely...

**24/3,K/6 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08057695 Supplier Number: 67052268 (USE FORMAT 7 FOR FULLTEXT)  
**Battle for installers will be won with customer attention and service. (Car-X Service Systems Inc.) (Brief Article)**  
Aftermarket Business, v110, n11, pS74  
Nov, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal  
Word Count: 382

The focus of the **automotive repair** industry has changed several times over the past 30 to 40 years, from a time...

...the past, consumers had to visit a number of locations to get competitive pricing or **repair time estimates**," he said. "Today they can simply go online to get a list of options to...

...is as simple as extending hours of operation," he continued. "That means early opening and **late** evening closing, seven days a week. To do that, we need more technicians, better and...

**24/3,K/7 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07492866 Supplier Number: 62916173 (USE FORMAT 7 FOR FULLTEXT)  
**Progressive Insurance Renews Agreement With CCC Information Services Inc.; Dual-Product Agreement Signed.**  
Business Wire, p2180  
June 26, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 659

... claims processing staff by controlling costs, making accurate claim payments, improving productivity and cutting cycle **time**. By combining CCC's **estimating** tools with its valuation service, the **repair** and claims settlement processes are streamlined, allowing Progressive's staff

Search Report from Ginger R. DeMille

to be more customer-focused...

...TotalPro(SM) repair facilities. CCC's advanced technology enhances Progressive's ability to streamline the **repair** process, returning consumers to their **vehicle** with greater speed while managing the quality of repairs. Progressive has started this initiative to...

...Progressive and its preferred repair facilities. Additionally, with the enhancement and implementation of CCC's **latest** version of Pathways, Progressive can further advance their corporate initiatives and strengthen their role in...

**24/3,K/8 (Item 1 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09492158 SUPPLIER NUMBER: 19390472 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Be safe for cost's sake. (accident prevention in transportation departments)**  
Minahan, Tim

Purchasing, v122, n7, p65(3)

May 1, 1997

ISSN: 0033-4448 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1802 LINE COUNT: 00147

... a third party. Drivers who have been in an accident spend a good amount of **time** and money getting **repair estimates**, making reports, filling out forms, arranging for transportation, waiting for tow trucks, and "regaining mental..."

**24/3,K/9 (Item 2 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

02318593 SUPPLIER NUMBER: 03585428 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Scheduling bays for profit.**

Kelch, Maggie

Home & Auto, v95, p19(1)

Jan 1, 1985

ISSN: 0162-8801 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1469 LINE COUNT: 00110

... the bay. The service manager, therefore, tries to be as close as possible in his **estimation** of the **time** needed to complete **repairs**."

Determining Timing

Service bay operators said they use several sources in determining the time frame...

**24/3,K/10 (Item 1 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01671195 SUPPLIER NUMBER: 15040393 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The earth moved but the cars didn't: telecommuting (or lack thereof) in Los Angeles.**

Telecommuting Review: the Gordon Report, v11, n2, p1(6)

Search Report from Ginger R. DeMille

Feb, 1994

ISSN: 8756-7431

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4060

LINE COUNT: 00312

... out the idea. For at least 12 to 18 months, while damaged highways are being **repaired**, mass transit, **car** pools, and telecommuting are ideas whose times have come to Los Angeles. Out of necessity...

...and not just as an emergency coping strategy. In a way, I hope the optimistic **estimates** about the amount of **time** it will take to **fix** the freeways are wrong. The shorter the period of inconvenience, the less likely an employer I'll say more about this **later** .] One of the best articles I saw was an opinion piece on the editorial page...

**24/3,K/11 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01546585 SUPPLIER NUMBER: 13218022 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Triad Systems: precious prices. (software publisher)**

RELease 1.0, v92, n11, p12(2)

Nov 30, 1992

ISSN: 1047-935X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 781

LINE COUNT: 00062

... they happen, so that they can immediately reprice their inventory (usually upwards), avoiding mispricing or **delays** . And they can take advantage of specials.

The Telepricing service is linked to Triad's...

...Telepricing is extra).

Triad has also Just launched ServiceCat, which combines parts and prices with **estimated time** and type of labor required for **repairs** . (The user plugs in his own wage scale.) This is useful not only to the Jobbers and a new to Triad market of about 250,000 **repair shops** , but also to **car** insurance adJusters, fleet-owners and others. Triad buys this information from Mitchell International, a San...

**24/3,K/12 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09170961 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Rumblings**

CRAIN'S DETROIT BUSINESS, p30

January 18, 2000

JOURNAL CODE: WCDB

LANGUAGE: English

RECORD TYPE: FULLTEXT

WORD COUNT: 870

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... has already signed on.

YOUR FRIDGE MAY SOON BE SMARTER THAN YOU

We've heard **lately** about the next wave of appliances - and how their major advance is that they'll...

Search Report from Ginger R. DeMille

**24/3,K/13** (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

07433870 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Fairer deals for fixing cars**

CANBERRA TIMES , CT ed, p11

September 26, 1999

JOURNAL CODE: WCTS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1319

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of a component, system or part of the vehicle. And, meet the reasonable cost of **repairs** to date, and remove the **vehicle** if necessary". Customers are warned they should be aware that there may be circumstances under...

... law where the principal may exercise a repairer's lien to retain possession of a **vehicle** if authorised **repairs** are performed but not paid for by the customer.

With or without codes of practice...

**24/3,K/14** (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05742023 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Organisation of the future**

HINDU

June 15, 1999

JOURNAL CODE: FHIN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 710

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... how the customer service division of the Ford Motor company transformed itself to meet the **goal** of customers - **car fixed** right, on **time** , the first **time** , at a competitive price in convenient locations. OSHA (the federal agency overseeing safety and health...

**24/3,K/15** (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

04948876 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**On the Leading Edge: How warehousing contributes to market differentiation**

BUSINESSWORLD (PHILIPPINES), p19

April 14, 1999

JOURNAL CODE: FBWP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1395

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Sounds like Michael Shumacher, Steven Segal, Jimmy Carter, a 20-year taxi driver, the Honda **Cars** chief **mechanic** , my EE professor in

Search Report from Ginger R. DeMille

college, and the Pizza Hut delivery person all rolled into one...

24/3,K/16 (Item 1 from file: 634)  
DIALOG(R) File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

07627014

**WHY A SIMPLE RADIATOR LEAK MAY WARRANT A MAJOR REPAIR**

San Jose Mercury News (SJ) - Friday, May 6, 1994

By: Brad Bergholdt column

Edition: Morning Final Section: Drive Page: 2E

Word Count: 810

... additives, it is likely that the tubes will be difficult to clean, adding to the **time** and expense of the **repair** .

Quach **estimated** that about 25 percent of the radiators he sees are a candidate for recoring, as...

...repair can end up being more than that of a recore if problems crop up **later** , requiring a second removal, repair and reinstallation. New replacement radiators are another option, costing about...

... pickup with a terrifying cruise control problem that the dealer hasn't been able to **fix**. The **truck** will suddenly accelerate without warning and I can just barely wrestle it to a stop...  
?

# Search Report from Ginger R. DeMille

? show files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200455  
 (c) 2004 Thomson Derwent  
 File 344:Chinese Patents Abs Aug 1985-2004/May  
 (c) 2004 European Patent Office  
 File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
 (c) 2004 JPO & JAPIO  
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 File 474:New York Times Abs 1969-2004/Aug 29  
 (c) 2004 The New York Times  
 File 475:Wall Street Journal Abs 1973-2004/Aug 27  
 (c) 2004 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group

Set	Items	Description
S1	44316	(AUTOBODY OR AUTO() BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?) (5N) (REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	657	(AUTOBODY OR AUTO() BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	85	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	64	JIFFYLUBE? ? OR JIFFY() LUBE? ?
S5	2855944	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK() FLOW OR PRODUCTIVITY OR TQM OR TOTAL() QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	0	(S2:S4) (8N) S5 (8N) (SOFTWARE OR PROGRAM OR INFORMATION() SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	11	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION() SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	19	S1(10N) (TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N) S5
S9	2559	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S10	2559	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S11	26	(S1:S4) AND (TIMEFRAME? OR TIME() FRAME? OR TIME() LIMIT? ? - OR PRODUCTION() SCHEDULE)
S12	26	RD (unique items)
S13	14	S12 FROM 350,344,347,371
S14	12	S12 NOT S13
S15	12	RD (unique items)

Search Report from Ginger R. DeMille

?

230-Aug-0411:21 AM



? t15/3,k/all

**15/3,K/1 (Item 1 from file: 2)**  
DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5536209 INSPEC Abstract Number: C9705-1290H-016  
**Title: Locomotive assignment with heterogeneous consists at CN North America**  
Author(s): Ziarati, K.; Soumis, F.; Desrosiers, J.; Gelinas, S.; Saintonge, A.  
Author Affiliation: GERAD-Groupe d'Etudes et de Recherche en Anal. des Decisions, Montreal, Que., Canada  
Journal: European Journal of Operational Research vol.97, no.2 p. 281-92  
Publisher: Elsevier,  
Publication Date: 1 March 1997 Country of Publication: Netherlands  
CODEN: EJORDT ISSN: 0377-2217  
SICI: 0377-2217(19970301)97:2L:281:LAWH;1-W  
Material Identity Number: E272-97004  
U.S. Copyright Clearance Center Code: 0377-2217/97/\$17.00  
Language: English  
Subfile: C  
Copyright 1997, IEE

...Abstract: high cost of operating locomotives. The problem considered is to provide sufficient power to pull **trains** on **fixed** schedules, using heterogeneous consists. A list of preferred locomotives exists for each train-segment. The...

... must travel. Finally, locomotives requiring inspection must be sent to appropriate shops within a given **time limit**. This problem has been modeled as a multi-commodity flow problem with supplementary constraints. Since...

**15/3,K/2 (Item 2 from file: 2)**  
DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4618748 INSPEC Abstract Number: C9404-7490-024  
**Title: ROBIN-a MANNESMANN initiative for an innovative road pricing system**  
Author(s): Albrecht, U.; Weber, G.; Widl, A.; Wiemann, B.  
Author Affiliation: Mannesmann Pilotentwicklungsgesellschaft mbH, Munchen, Germany  
Conference Title: IEE Colloquium on 'Electronics in Managing the Demand for Road Capacity' (Digest No.1993/205) p.7/1-3  
Publisher: IEE, London, UK  
Publication Date: 1993 Country of Publication: UK 64 pp.  
Conference Sponsor: IEE  
Conference Date: 5 Nov. 1993 Conference Location: London, UK  
Language: English  
Subfile: C

...Abstract: should be able to install it on virtually all major European highways within a limited **timeframe**. Additionally several European countries have strict laws concerning the security and integrity of personal data...

Search Report from Ginger R. DeMille

... tracking of individuals. Existing road pricing schemes mostly rely on a communication between an in- car unit and some kind of fixed roadside beacons where the communication initiates the billing process and also serves for control purposes...

15/3,K/3 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

2502478 H.W. WILSON RECORD NUMBER: BAST02141273  
**Identifying Economically Optimal Flight Techniques of Transport Aircraft**  
Isikveren, Askin T;  
Journal of Aircraft v. 39 no4 (July/Aug. 2002) p. 528-44  
DOCUMENT TYPE: Feature Article ISSN: 0021-8669

...ABSTRACT: profit or return on investment is derived for given sector mission criteria and assumed reference time frame utilization. A series of models used to simulate maintenance and materiel costs accurately and block...

...minima and maxima. The selection of utilization (hourly or fixed number of sectors) per reference time frame was found to be an important precursor to what type of flight technique is to...

...results in faster block speeds, tending toward the minimum block time threshold of a given vehicle and sector mission, whereas the fixed departures scenario yields a slower yet congruous flight technique optima requirement for direct operating cost...

15/3,K/4 (Item 1 from file: 474)  
DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

00239818 NYT Sequence Number: 004388720524  
**Ford Motor Co 'reassigns', May 23, 4 supervisory employees responsible for making unauthorized repairs on test cars ; implies it hopes to come close to meeting original production schedule and avoid mass layoffs; co officials concede that because of troubles with '72 tests, some employees 'doctored' cars to make sure they would meet standards to facilitate production of new models; insist cars will meet emission standards and only problem now is time it takes to finish testing cycle; co vp H L Misch says inquiry reveals co employees withheld information from EPA related to unscheduled and unauthorized maintenance that should have been included in emission certificate applications; says EPA is working with co to help demonstrate cars meet standards; workers are believed to have repaired and replaced sparkplugs and made other engine adjustments)**  
New York Times, Col. 1, Pg. 17  
Wednesday May 24 1972

**Ford Motor Co 'reassigns', May 23, 4 supervisory employees responsible for making unauthorized repairs on test cars ; implies it hopes to come close to meeting original production schedule and avoid mass layoffs; co officials concede that because of troubles with '72 tests, some...**

15/3,K/5 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09843116  
Ministry of Transportation & Communications to regulate car repairin \  
China: Car repairing firms to be regulated  
Beijing Daily (UFX) 06 Aug 2002  
Language: CHINESE

Ministry of Transportation & Communications to regulate car repairin \  
China: Car repairing firms to be regulated

The Ministry of Communications of China will regulate car repairing market within 1 August 2002-31 July 2003 in three stages. Starting from 6 August 2002, the ministry will investigate on car repairing firms. Firms that cannot meet the requirements set by the ministry will be regulated with a given time limit and the firms will be suspended if they still cannot meet the requirements after the...

... problems will be stopped. All repairing enterprises are required to display charges and a standard " car repairing enterprise" logo. Meanwhile, workers in the car repairing firms will go for training before start working.

PRODUCT: Automotive Repair Services

15/3,K/6 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09627661  
B3bn bond issue will help ease debt load  
Thailand: Bangchak to issue bonds  
Bangkok Post (XBN) 29 Oct 2001 Online  
Language: ENGLISH

... in Thailand. It will also establish up to 200 new petrol stations via joint ventures < timeframe not given> to join its present network of 450 joint venture petrol stations. The joint...

PRODUCT: Economic Programmes...  
Licensed Premises...  
Licensed Houses & Pubs...  
Oil...

Automotive Repair Services...

15/3,K/7 (Item 3 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09533939  
Motor workshops must offer 6-month warranty  
MALAYSIA: MOTOR REPAIRER SCHEME CRITERIA REVISED  
The Star (XAT) 30 May 2001 p.16  
Language: ENGLISH

... listed workshops. In addition, motor workshops are required to provide workmanship warranty for a minimum **timeframe** of six months, disclosed Lim Chia Fook, executive director of the association.

PRODUCT: **Automotive Repair Services**

15/3,K/8 (Item 4 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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09511476  
Fiat adds dealers to clear road for Palio  
INDIA: FIL TO AUGMENT CAR PART EXPORTS  
The Economic Times (YZY) 23 Apr 2001 online  
Language: ENGLISH

... firm is also ~~to~~ have 70 overall dealers in India. In the following two-month **time frame**, FIL will recruit 15 fresh dealers. In order to polish its client commitments, FIL is...

PRODUCT: **Automotive Repair Services**

15/3,K/9 (Item 5 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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09427677  
B-Quick brakes on Thai stakes  
ASIA PACIFIC: B-QUICK ON EXPANSION DRIVE  
The Nation (XBO) 19 Dec 2000 Online  
Language: ENGLISH

Come 2001, <rapid- **repair vehicle** service centre> B-Quick Service (B-Quick) will invest US\$ 10 mn on opening up...

... Taiwan and Thailand to have a combined total of 500 outlets within a five-year **time frame** ending in 2005. Its first outlet in Taiwan is due to open by mid-2001...

PRODUCT: Tyre, Battery & Accessory Stores **Automotive Repair Services**

15/3,K/10 (Item 6 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09404350  
Mitsubishi Reports Loss  
JAPAN: MITISUBISHI'S NET PROFITS RECOVERING  
Business Times Malaysia (XAR) 15 Nov 2000 p.24  
Language: ENGLISH

... in Mitsubishi Heavy's group net profits. The group had in the March-September 2000 **time frame**, booked some 37.67% on-year reduction in group net loss to ~~1~~ 23.5...

PRODUCT: Motor Vehicles & Parts

15/3,K/11 (Item 7 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09248421  
Netz Toyota Yokohama To Sell Used Cars Online By March 2001  
JAPAN: NETZ TOYOTA TO SELL ONLINE  
Nikkei Net Interactive (NW) 03 Mar 2000 TheNikkei Industrial Daily  
Online  
Language: ENGLISH

... and re-train its staff. The 6 display showrooms will be renovated to accommodate the repair, maintenance and sales of new cars. Customers who wish to buy the cars online will have to access Toyota Motor's...

... to deliver the used car to the customer in a fortnight, compared to the previous time frame of 30 to 40 days.

15/3,K/12 (Item 8 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

03472002  
MASTERFIT PROJECT OF VAUXHALL ENCOUNTERS PROBLEMS  
UK - MASTERFIT PROJECT OF VAUXHALL ENCOUNTERS PROBLEMS  
Motor Trader (MTR) 12 May 1990 .p3  
ISSN: 0027-2043

...reveals that the pilot of 12 will not be attained until end-1990 and no time limit has been introduced concerning the expansion to 150.

PRODUCT: Automotive Repair Services  
?

Search Report from Ginger R. DeMille

? t13/4/all

**13/4/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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IM- \*Image available\*

AA- 2001-481670/200152|

TI- Parts management system|

PA- HYUNDAI MOTOR CO LTD (HYUN-N)|

AU- <INVENTORS> JANG J W; CHANG J W|

NC- 001|

NP- 002|

PN- KR 2001010103 A 20010205 KR 9928802 A 19990716 200152 B|

PN- KR 325204 B 20020225 KR 9928802 A 19990716 200258|

AN- <LOCAL> KR 9928802 A 19990716; KR 9928802 A 19990716|

AN- <PR> KR 9928802 A 19990716|

FD- KR 325204 B B62D-065/00 Previous Publ. patent KR 2001010103|

LA- KR 2001010103(1)|

AB- <PN> KR 2001010103|

AB- <NV> NOVELTY - A parts management system provides the real stock management and the real time variation information of parts, and the reliability of real parts management.|

AB- <BASIC> DETAILED DESCRIPTION - At first, a vehicle body input is ordered according to each real time zone after calculating the required amounts of parts according to each kind of vehicle by using a sequence information as an original information depending on a **production schedule** in a vehicle body factory. Then, on a decorative design process after a painting process, the **fixed** sequence information of the **vehicle** body input is earned in real time. Then, a vehicle body input is ordered according to each real time zone after calculating the required amounts of parts according to each kind of vehicle by using the sequence information on the decorative design process as an original information. Finally, the take out of each real time zone is calculated and a real parts stock and a defected parts prospect information is provided to related companies by predetermining an accomplishment reference to each zone when the parts are inputted according to each real time zone.

pp; 1 DwgNo 1/10|

DE- <TITLE TERMS> PARTS MANAGEMENT; SYSTEM|

DC- Q22|

IC- <MAIN> B62D-065/00|

FS- EngPI||

**13/4/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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IM- \*Image available\*

AA- 2000-067004/200006|

XR- <XRPX> N00-052559|

TI- Water injection hand held ultrasonic cleaning nozzle for washing stains of bathtub, tableware, etc - has cylinders provided with penetration holes on sides which are rotated at high speed for injecting cleaning liquid containing bubbles generated by repeated opening and closing of connection path formed by holes|

PA- CONCEPTS KK (CONC-N)|

NC- 001|

Search Report from Ginger R. DeMille

NP- 001|  
PN- JP 11319638 A 19991124 JP 98146589 A 19980511 200006 B|  
AN- <LOCAL> JP 98146589 A 19980511|  
AN- <PR> JP 98146589 A 19980511|  
FD- JP 11319638 A B05B-001/02|  
LA- JP 11319638(10)|  
AB- <BASIC> JP 11319638 A

NOVELTY - The nozzles (100) has outer and inner cylinders (140,150) provided with several penetration holes (141a,151a) on the sides which form a connection path. The cleaning liquid which flows through the connection path is injected. The cleaning liquid contains bubbles which originate by repeated opening and closing of the connection path caused by relative rotation of the outer and inner cylinders. DETAILED DESCRIPTION - The outer cylinder is fixed inside a housing (110). A cleaning liquid flow path (130) is formed between the side of the outer cylinder and the housing. The inner cylinder is rotatably supported as the outside of the inner cylinder contacts the inner side of the outer cylinder. An axial flow type impeller (170) is connected to the inner cylinder from the rear side and rotated by a drive unit (180) connected to the back side. The penetration holes are provided in the peripheral direction of the outer and inner cylinders in a predetermined pitch. Steps are also provided along the direction of a rotating shaft in a predetermined pitch. When the cylinders are rotated, mutually the correction path is formed according to the pitch between the penetration holes.

USE - For washing stains of bathtub, tableware, **vehicle**, building outerwall, toilet **fixture**, etc.

ADVANTAGE - Generates desirable bubbles by cavitation due to reduction of hydraulic pressure. Generates large amount of bubbles by relative high speed rotation of cylinders with drive unit. Provides low cost ultrasonic cleaning nozzle as cavitation effect is utilized for pressure bubble creation. Improves cleaning capabilities as pressure wave is generated at ultrasonic high frequency due to maintenance of bubbles generation and crushing **time**. **Limits** the size of the nozzle for hand held operation by generating ultrasonic wave with compact cylinders. Enables easy formation of cavitation for generation of bubbles to raise cleaning capability. DESCRIPTION OF DRAWING(S) - The figure shows the front elevational and sectional view of water injection ultrasonic cleaning nozzle. (100) Ultrasonic cleaning nozzle; (110) Housing; (130) Cleaning liquid flow path; (140,150) Outer and inner cylinder; (141a,151a) Penetration holes; (170) Axial flow type impeller; (180) Drive unit.

Dwg.1/5|

DE- <TITLE TERMS> WATER; INJECTION; HAND; HELD; ULTRASONIC; CLEAN; NOZZLE; WASHING; STAIN; BATHTUB; TABLEWARE; CYLINDER; PENETRATE; HOLE; SIDE; ROTATING; HIGH; SPEED; INJECTION; CLEAN; LIQUID; CONTAIN; BUBBLE; GENERATE; REPEAT; OPEN; CLOSE; CONNECT; PATH; FORMING; HOLE|  
DC- P28; P42; P43; Q17; X25; X27|  
IC- <MAIN> B05B-001/02|  
IC- <ADDITIONAL> A47L-011/38; A47L-015/00; A47L-025/00; B08B-003/02; B08B-003/12; B60S-001/54|  
MC- <EPI> X25-H09; X27-D09|  
FS- EPI; EngPI||

13/4/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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230-Aug-0411:21 AM

Search Report from Ginger R. DeMille

IM- \*Image available\*  
AA- 1999-387352/199933|  
XR- <XRPX> N99-290237|  
TI- Security system for car, or other mobile device|  
PA- STMICROELECTRONICS SA (SGSA ); SGS THOMSON MICROELTRN SA (SGSA )|  
AU- <INVENTORS> WUIDART L|  
NC- 026|  
NP- 005|  
PN- EP 926305 A1 19990630 EP 98403184 A 19981216 199933 B|  
PN- FR 2772958 A1 19990625 FR 9716467 A 19971224 199933  
PN- US 6164403 A 20001226 US 98220524 A 19981223 200103  
PN- EP 926305 B1 20040428 EP 98403184 A 19981216 200429  
PN- DE 6920823470 E 20040603 DE 98623470 A 19981216 200436  
<AN> EP 98403184 A 19981216|  
AN- <LOCAL> EP 98403184 A 19981216; FR 9716467 A 19971224; US 98220524 A  
19981223; EP 98403184 A 19981216; DE 98623470 A 19981216; EP 98403184 A  
19981216|  
AN- <PR> FR 9716467 A 19971224|  
FD- EP 926305 A1 E05B-049/00  
<DS> (Regional): AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV  
MC; MK; NL; PT; RO; SE; SI  
FD- EP 926305 B1 E05B-049/00  
<DS> (Regional): DE; FR; GB; IT  
FD- DE 6920823470 E E05B-049/00 Based on patent EP 926305|  
LA- EP 926305(F<PG> 8); EP 926305(F)|  
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|  
AB- <PN> EP 926305 A1|  
AB- <NV> NOVELTY - Car, or other mobile device, security system has a  
**fixed** terminal (102) in the **car** and a portable device (103) or key  
for use by the driver to supply an unlocking signal (SD). The portable  
device produces an unlocking signal when a button is pressed, provided  
the owners biometric signal matches the expected signal.|  
AB- <BASIC> DETAILED DESCRIPTION - The biometric signal can be a pressure  
or temperature matching that of the owners finger applied to a button  
in the key. The latter includes a pressure and or a temperature sensor  
for measuring the biometric property. The matching of the signal to a  
stored value must occur within a certain **time limit** .  
USE - Prevention of car theft or prevention of misuse or theft of  
any other mobile object.  
ADVANTAGE - Use of a biometric signal such as the iris of the eye  
or the audible spectrum of the voice provides a very high level of  
security and has been used in alternatives as a means of providing  
access to a vehicle without need of a key at all. However this can also  
permit the accidental opening of the car in an undesirable situation.  
DESCRIPTION OF DRAWING(S) - Figure shows a schematic view of a car  
unlocking system.  
car (101)  
terminal in car (102)  
portable device or key (203)  
( person activating key (104)  
unlocking signal (SD)  
pp; 8 DwgNo 1/3|  
DE- <TITLE TERMS> SECURE; SYSTEM; CAR; MOBILE; DEVICE|  
DC- Q17; Q47; S05; T05; W05; X22|  
IC- <MAIN> B60R-025/00; E05B-049/00; G08C-017/00|  
IC- <ADDITIONAL> G07C-009/00; G08B-021/00|  
MC- <EPI> S05-D01C5A; T05-G; W05-D04A1; W05-D05B; W05-D07D; X22-D01A;  
X22-X03|



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FS- EPI; EngPI||

13/4/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- \*Image available\*

AA- 1997-543812/199750|

XR- <XRPX> N97-453144|

TI- Radio communication system using e.g. vehicle telephone - has  
disconnection processor that disconnects communication used by car  
telephone in communicating with fixing device, upon detecting  
progress of communication time limit value of communication channel  
|

PA- TOSHIBA KK (TOKE )|

NC- 001|

NP- 001|

PN- JP 9261735 A 19971003 JP 9671590 A 19960327 199750 B|

AN- <LOCAL> JP 9671590 A 19960327|

AN- <PR> JP 9671590 A 19960327|

FD- JP 9261735 A H04Q-007/38|

LA- JP 9261735(16)|

AB- <BASIC> JP 9261735 A

The system includes several car telephones (105a-105i)  
corresponding to the respective fixing device (103a-103e) connected to  
the corresponding public circuits (102a-102e). Car telephones freely  
communicate with the corresponding controlled fixing device based on an  
available communication channel.

A limit value decision circuit determines the communication time  
limit value of the communication channel according to a refusal state  
of a call request from the car telephone. The communication channel  
used by the car telephone in communicating with the fixing device,  
is cut by a disconnection processor upon detecting the progress of the  
determined communication time limit value of the communication  
channel.

ADVANTAGE - Enables assigning communication channel to other car  
telephone. Prevents user from waiting for call without any restriction,  
thus providing call opportunity to user in early stage. Can correspond  
to situation quickly since communication time limit value is not  
restricted. Prevents inconvenience is disconnecting communication  
channel since warning information is notified to user if use remaining  
time of communication channel decreases.

Dwg.1/13|

DE- <TITLE TERMS> RADIO; COMMUNICATE; SYSTEM; VEHICLE; TELEPHONE;  
DISCONNECT; PROCESSOR; DISCONNECT; COMMUNICATE; CAR; TELEPHONE;  
COMMUNICATE; FIX; DEVICE; DETECT; PROGRESS; COMMUNICATE; TIME; LIMIT;  
VALUE; COMMUNICATE; CHANNEL|

DC- W01; W02|

IC- <MAIN> H04Q-007/38|

MC- <EPI> W01-B05A1A; W02-C03C1A; W02-C03C1D|

FS- EPI||

13/4/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- \*Image available\*

Search Report from Ginger R. DeMille

AA- 1996-257654/19962517  
XR- <XRPX> N96-216803  
TI- Motor control circuit for electric vehicle - has current regulation value where energising is performed again when current is below this regulation value and stops if current exceeds standard current value  
PA- MATSUSHITA DENKI SANGYO KK (MATU ); MATSUSHITA ELECTRIC IND CO LTD (MATU )  
AU- <INVENTORS> IKKAI Y; TAMAKI S  
NC- 002  
NP- 002  
PN- JP 8107602 A 19960423 JP 94242734 A 19941006 199626 B  
PN- US 5592355 A 19970107 US 95539635 A 19951005 199708  
AN- <LOCAL> JP 94242734 A 19941006; US 95539635 A 19951005  
AN- <PR> JP 94242734 A 19941006  
FD- JP 8107602 A B60L-003/04  
FD- US 5592355 A H02H-007/00  
LA- JP 8107602(6); US 5592355(12)  
AB- <BASIC> JP 8107602 A

The control circuit has several current detectors (11-13) which determines current flowing in an inverter and is set up on the drive circuit of a motor that drives the electric vehicle.

Energising is stopped if the current detected is more than a standard current value, and when the current is below the regulated value, energising is continued.

ADVANTAGE - Prevents electric vehicle from burning when time to exceed regulated value is more than **fixed** time. Secures **vehicle** from any danger.

Dwg.1/3

AB- <US> US 5592355 A

A control circuit for supplying current to a motor comprising:  
a current supply means for supplying current to said motor;  
a current detection means for detecting the current supplied by said current supply means;  
a monitoring means for outputting a fail signal to disable said current supply means when the detected current exceeds a predetermined threshold value, and for terminating the fail signal to re-enable said current supply means when the detected current drops below a predetermined value;  
a fail signal counter for counting only the time during which the fail signal is output; and  
a control means for disabling said current supply means when the cumulative time counted by said fail signal counter exceeds a first predetermined **time limit**.

Dwg.1/7

DE- <TITLE TERMS> MOTOR; CONTROL; CIRCUIT; ELECTRIC; VEHICLE; CURRENT; REGULATE; VALUE; ENERGISE; PERFORMANCE; CURRENT; BELOW; REGULATE; VALUE; STOP; CURRENT; STANDARD; CURRENT; VALUE

DC- Q14; X12; X13; X21

IC- <MAIN> B60L-003/04; H02H-007/00

IC- <ADDITIONAL> H02P-005/41; H02P-006/12; H02P-007/63

MC- <EPI> X12-J01A9; X12-J01B; X13-C01A; X13-C04D; X13-F03B1B; X13-G03A; X21-A04

FS- EPI; EngPI

13/4/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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Search Report from Ginger R. DeMille

IM- \*Image available\*

AA- 1996-153226/1996161

XR- <XRPX> N96-1287061

TI- Side impact airbag deploying from flexible pocket, attached to vehicle at two points - has line of weakness such as tear seam along which pocket opens during inflating of cushion and through which cushion deploys1

PA- BREED AUTOMOTIVE TECHNOLOGY INC (BREE-N); ALLIEDSIGNAL DEUT GMBH (ALLC); FREEMAN J C (FREE-I)1

AU- <INVENTORS> JOST S1

NC- 0241

NP- 0091

PN- GB 2293355 A 19960327 GB 9518444 A 19950908 199616 B1

PN- WO 9607563 A1 19960314 WO 95GB2149 A 19950908 199617

PN- EP 777591 A1 19970611 EP 95931300 A 19950908 199728

<AN> WO 95GB2149 A 19950908

PN- GB 2293355 B 19971217 GB 9518444 A 19950908 199802

PN- US 5899489 A 19990504 WO 95GB2149 A 19950908 199925 N

<AN> US 97809010 A 19970527

PN- EP 1010591 A2 20000621 EP 95931300 A 19950908 200033

<AN> EP 2000103369 A 19950908

PN- EP 1132261 A1 20010912 EP 95931300 A 19950908 200154

<AN> EP 2001112085 A 19950908

PN- EP 1132261 B1 20031105 EP 95931300 A 19950908 200377

<AN> EP 2001112085 A 19950908

PN- DE 69532094 E 20031211 DE 632094 A 19950908 200405

<AN> EP 2001112085 A 199509081

AN- <LOCAL> GB 9518444 A 19950908; WO 95GB2149 A 19950908; EP 95931300 A 19950908; WO 95GB2149 A 19950908; GB 9518444 A 19950908; WO 95GB2149 A 19950908; US 97809010 A 19970527; EP 95931300 A 19950908; EP 2000103369 A 19950908; EP 95931300 A 19950908; EP 2001112085 A 19950908; EP 95931300 A 19950908; EP 2001112085 A 19950908; DE 632094 A 19950908; EP 2001112085 A 199509081

AN- <PR> GB 9420160 A 19941006; GB 9418109 A 19940908; US 97809010 A 199705271

CT- 01Jnl.Ref; DE 4307175; EP 565501; GB 2191450; GB 2232936; JP 3276844; US 3617073; US 5308112; US 53223221

FD- WO 9607563 A1 B60R-021/22

<DS> (National): BR CA DE JP KR MG MX RU US

<DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

FD- EP 777591 A1 B60R-021/22 Based on patent WO 9607563

<DS> (Regional): DE ES FR GB IT SE

FD- US 5899489 A B60R-021/22 Based on patent WO 9607563

FD- EP 1010591 A2 B60R-021/22 Div ex application EP 95931300

Div ex patent EP 777591

<DS> (Regional): DE ES FR IT SE

FD- EP 1132261 A1 B60R-021/22 Div ex application EP 95931300

Div ex patent EP 777591

<DS> (Regional): DE ES FR IT SE

FD- EP 1132261 B1 B60R-021/22 Div ex application EP 95931300

Div ex patent EP 777591

<DS> (Regional): DE ES FR IT SE

FD- DE 69532094 E B60R-021/22 Based on patent EP 11322611

LA- GB 2293355(44); WO 9607563(E<PG> 23); EP 777591(E<PG> 1); EP 1010591(E); EP 1132261(E); EP 1132261(E)1

DS- <NATIONAL> BR CA DE JP KR MG MX RU US1

DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE1

AB- <BASIC> GB 2293355 A

An inflatable cushion (8) in the deflated state is folded and

Search Report from Ginger R. DeMille

mounted in a flexible pocket (5) and is **fixedly** attached to the **vehicle** at least two spaced positions (13,4). The flexible pocket comprises a line of weakness such as a tear (6) seam along which the pocket opens during inflating of the cushion and through which the cushion deploys. The flexible pocket (5) is preferably fabric and the tear seam (6) comprises a stitched seam the stitches of which either break or unravel when the airbag cushion is deployed. The airbag cushion with or without the appropriate inflator (1) may be mounted either in the vehicle seat or in the roof or in a structural side beam such as the B pillar.

The tear seam is preferably aligned with a seam of the seat cover (or the roof lining) so that both seams tear together on deployment of the airbag cushion. This form of flexible pocket tear seam allows for a much more controlled deployment of the bag reducing some of the initial forces which can in themselves cause damage to the occupant, yet at the same time allowing deployment of the bag within the required **time frame** of 2 to 4 milliseconds.

A manifold for connecting the inflator to the cushion is described which protects the cushion mounting area from the direct effects of the hot gas from the inflator and allows a mounting angle between the inflator and the cushion of anything between 0 and 180 deg.

USE/ADVANTAGE - For protecting occupant of automobile in crush situation. Has reduced number of components resulting in cost saving combined with versatility of positioning.

Dwg.1/26|

AB- <GB> GB 2293355 B

An inflatable cushion (8) in the deflated state is folded and mounted in a flexible pocket (5) and is **fixedly** attached to the **vehicle** at least two spaced positions (13,4). The flexible pocket comprises a line of weakness such as a tear (6) seam along which the pocket opens during inflating of the cushion and through which the cushion deploys. The flexible pocket (5) is preferably fabric and the tear seam (6) comprises a stitched seam the stitches of which either break or unravel when the airbag cushion is deployed. The airbag cushion with or without the appropriate inflator (1) may be mounted either in the vehicle seat or in the roof or in a structural side beam such as the B pillar.

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A manifold for connecting the inflator to the cushion is described which protects the cushion mounting area from the direct effects of the hot gas from the inflator and allows a mounting angle between the inflator and the cushion of anything between 0 and 180 deg.

USE/ADVANTAGE - For protecting occupant of automobile in crush situation. Has reduced number of components resulting in cost saving combined with versatility of positioning.

Dwg.1|

DE- <TITLE TERMS> SIDE; IMPACT; AIRBAG; DEPLOY; FLEXIBLE; POCKET; ATTACH; VEHICLE; TWO; POINT; LINE; WEAK; TEAR; SEAM; POCKET; OPEN; INFLATE; CUSHION; THROUGH; CUSHION; DEPLOY|

DC- Q17|

IC- <MAIN> B60R-021/16; B60R-021/22|

FS- EngPI||

Search Report from Ginger R. DeMille

13/4/7 (Item 7 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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IM- \*Image available\*  
 AA- 1993-328947/199342|  
 XR- <XRPX> N93-253951|  
 TI- Overheat detector for pneumatically operated disc brake - combines  
 brake application signal duration with sampled-and-held wear signal and  
 monitors sum of combinations within **time limit** |  
 PA- KNORR-BREMSE AG (KNOR ); KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH  
 (KNOR ); KNORR-BREMSE SYSTEME NUTZFAHRZEUGE GMBH (KNOR )|  
 AU- <INVENTORS> BAUMGARTNER H|  
 NC- 007|  
 NP- 004|  
 PN- DE 4212388 A1 19931014 DE 4212388 A 19920413 199342 B|  
 PN- EP 566005 A1 19931020 EP 93105706 A 19930406 199342  
 PN- EP 566005 B1 19960110 EP 93105706 A 19930406 199607  
 PN- DE 59301375 G 19960222 DE 501375 A 19930406 199613  
 <AN> EP 93105706 A 19930406|  
 AN- <LOCAL> DE 4212388 A 19920413; EP 93105706 A 19930406; EP 93105706 A  
 19930406; DE 501375 A 19930406; EP 93105706 A 19930406|  
 AN- <PR> DE 4212388 A 19920413|  
 CT- DE 3716202; DE 4024771; EP 391047; WO 9200212|  
 FD- DE 4212388 A1 F16D-066/00  
 FD- EP 566005 A1 F16D-066/00  
 <DS> (Regional): DE ES FR GB IT NL SE  
 FD- EP 566005 B1 F16D-066/00  
 <DS> (Regional): DE ES FR GB IT NL SE  
 FD- DE 59301375 G F16D-066/00 Based on patent EP 566005|  
 LA- DE 4212388(15); EP 566005(G<PG> 18); EP 566005(G<PG> 20)|  
 DS- <REGIONAL> DE; ES; FR; GB; IT; NL; SE|  
 AB- <BASIC> DE 4212388 A

The brake disc **fixed** to an axle of the **vehicle** is internally ventilated and surrounded by a saddle movable in the axial direction with a fixed guidance bearing and an equalising bearing.

The wear signal (VS) from a rotary potentiometer is applied to a sample-and-hold circuit (107) and comparator (108) for combination (101) with the duration of pulses (BS) occurring at each brake application. A warning is given (105) when the overall sum (E1) of such combinations exceeds a limit (E2) within a fixed interval (T).

USE/ADVANTAGE - On heavy goods vehicles, the device has little susceptibility to interference and can be mfd. at low cost.

Dwg.4/6|

AB- <EP> EP 566005 B

Overheating detector for a disc brake operated by compressed air, which disc brake has a calliper (2) embracing a brake disc (1), which calliper, upon operation of a brake application device (3), presses brake blocks (10) arranged on both sides of the brake disc (1) against the latter and generates an appropriate braking torque, with an adjusting device (74) keeping the air clearance of the brake blocks (10) substantially constant, the air clearance changing as a consequence of lining wear, and being coupled to a signal transmitter which generates a lining-wear signal (VS), and with each operation of the brake application device (3) being accompanied by the generation of a brake-signal pulse having a corresponding pulse duration, characterized by an evaluation device (100), which detects the lining-wear signal (VS), which detects all brake-signal pulses (BS) and

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adds them up to a total duration indicating the total braking duration and which generates a warning signal if the determined total duration of the brake-signal pulses (BS) exceeds a specifiable maximum duration within a specifiable period (T), without there occurring a change of the value of the lining-wear signal (VS) within this period (T).

Dwg.1/6|

DE- <TITLE TERMS> OVERHEAT; DETECT; PNEUMATIC; OPERATE; DISC; BRAKE;  
COMBINATION; BRAKE; APPLY; SIGNAL; DURATION; SAMPLE; HELD; WEAR; SIGNAL  
; MONITOR; SUM; COMBINATION; TIME; LIMIT|  
DC- Q18; Q63; S03; X22|  
IC- <MAIN> F16D-066/00|  
IC- <ADDITIONAL> B60T-017/22; G01B-021/22; G01K-003/00|  
MC- <EPI> S03-B01E9; X22-E02A; X22-P05|  
FS- EPI; EngPI||

13/4/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- \*Image available\*|

AA- 1991-237046/199132|

XR- <XRPX> N91-180811|

TI- Fixed operating speed control device - has **fixed** operating speed  
control device so **vehicle** speed compared with specified preset  
vehicle speed and released when exceeds limit|

PA- AISIN SEIKI KK (AISE )|

AU- <INVENTORS> HYODO H|

NC- 001|

NP- 001|

PN- US 5033570 A 19910723 US 90511903 A 19900423 199132 B|

AN- <LOCAL> US 90511903 A 19900423|

AN- <PR> JP 87246724 A 19870929|

AB- <BASIC> US 5033570 A

The fixed speed control device includes a predetermined vehicle operating speed controller with release **time limit** set-up system and a release switch system. A memory system and the previous components are all electronically connected to an electronic control circuit. The fixed operating speed control device controls the speed of a vehicle so that it is commensurate with a specified preset vehicle speed.

It can release itself from the controlled speed when a deviation exceeds a specified value, and properly adopt one of ten control branches to meet various requirements of vehicle operation.

USE - For throttle valve control of vehicle. (16pp Dwg.No.1/12|

DE- <TITLE TERMS> FIX; OPERATE; SPEED; CONTROL; DEVICE; FIX; OPERATE; SPEED  
; CONTROL; DEVICE; SO; VEHICLE; SPEED; COMPARE; SPECIFIED; PRESET;  
VEHICLE; SPEED; RELEASE; LIMIT|

DC- Q13; X22|

IC- <ADDITIONAL> B60K-031/10|

MC- <EPI> X22-A03B|

FS- EPI; EngPI||

13/4/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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AA- 1985-318608/198551|

Search Report from Ginger R. DeMille

XR- <XRPX> N85-236818|  
 TI- Timekeeping static electronic counter for parking disc - has memory and latch for unexpired time credit display|  
 PA- SEEM SOC ETUD ELTRN (SEEM-N)|  
 AU- <INVENTORS> MOQUET C|  
 NC- 011|  
 NP- 004|  
 PN- EP 165165 A 19851218 EP 85401074 A 19850531 198551 B|  
 PN- FR 2565386 A 19851206 198604  
 PN- EP 165165 B 19890419 198916  
 PN- DE 3569626 G 19890524 198922|  
 AN- <LOCAL> EP 85401074 A 19850531|  
 AN- <PR> FR 848692 A 19840601|  
 CT- CH 640692; DE 2851596; DE 2907185; DE 3009211; DE 3143047; EP 34570; FR 2169082; FR 2491236; FR 2523337; GB 2041611|  
 FD- EP 165165 A  
 <DS> (Regional): AT BE CH DE GB IT LI LU NL SE  
 FD- EP 165165 B  
 <DS> (Regional): AT BE CH DE GB IT LI LU NL SE|  
 LA- EP 165165(F<PG> 14); EP 165165(F)|  
 DS- <REGIONAL> AT; BE; CH; DE; GB; IT; LI; LU; NL; SE|  
 AB- <BASIC> EP 165165|

Detection of movement of a vehicle is determined by the generation of a random number which must agree with another random number generated by a wheel rotation detector, before a fresh parking period can be programmed. The device is housed in a package with an outward-facing display of either the parking **time limit** or the unexpired time credit.

Another display, facing the driver, either shows the time of day or repeats the exterior display, which is extinguished only if the sum of time credits used exceeds the admissible limit when comparison is made between successive movements.

... USE/ADVANTAGE - As **vehicle** -mounted substitute for **fixed** parking meter, device reproduces functions of traditional parking disc upon actuation of pushbutton.

0/6|

AB- <EP> EP 165165 B

Detection of movement of a vehicle is determined by the generation of a random number which must agree with another random number generated by a wheel rotation detector, before a fresh parking period can be programmed. The device is housed in a package with an outward-facing display of either the parking **time limit** or the unexpired time credit.

Another display, facing the driver, either shows the time of day or repeats the exterior display, which is extinguished only if the sum of time credits used exceeds the admissible limit when comparison is made between successive movements.

USE/ADVANTAGE - As **vehicle** -mounted substitute for **fixed** parking meter, device reproduces functions of traditional parking disc upon actuation of pushbutton. (14pp Dwg.No.0/6)|

DE- <TITLE TERMS> STATIC; ELECTRONIC; COUNTER; PARK; DISC; MEMORY; LATCH; TIME; CREDIT; DISPLAY|  
 DC- T05|  
 IC- <ADDITIONAL> G07C-001/30; G07F-017/24|  
 MC- <EPI> T05-F; T05-G03|  
 FS- EPI||

13/4/10 (Item 10 from file: 350)

1030-Aug-0411:21 AM

Search Report from Ginger R. DeMille

DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

AA- 1984-024837/198405|  
XR- <XRPX> N84-018689|  
TI- Multichannel transmission system for TV and radio reporting systems -  
has **fixed time frames** in pulse train, in addition to  
time-variable, modulated signal pulses, with fixed time course|  
PA- SIEMENS AG (SIEI )|  
AU- <INVENTORS> CERNY J; FURLINGER F; LASSER O; POKORNY W; RAAB W; WALLNER  
K; WEBER W|  
NC- 002|  
NP- 003|  
PN- DE 3323107 A 19840126 DE 3323107 A 19830627 198405 B|  
PN- AT 8202565 A 19840815 198437  
PN- DE 3323107 C 19910905 199136|  
AN- <LOCAL> DE 3323107 A 19830627|  
AN- <PR> AT 822565 A 19820702|  
FD- DE 3323107 A |  
LA- DE 3323107(12)|  
AB- <BASIC> DE 3323107, A

The system is suitable for single- and two-way traffic for audio, speech, call-back, and control signals over a transmission path. The signals are formed by pulse trains, consisting each of a synchronising pulse, modulated signal pulses, and data pulses, the synchronising pulse being shorter. A TDM system is used on an IR path with needle pulses.

Time invariable **time frames** are provided in the pulse train in addition to the time-variable, modulated signal pulses. The time course is controlled by monostable time stages (ZF). In the exchange and at the subscribers are provided both transmit and receive invariable **time frames**. The exchange ones are formed by precision quartz controlled monostable time stages. Shift registers (SR), in the form of counter-decoders are used at both ends for pulse train control.

1/1|

DE- <TITLE TERMS> MULTICHANNEL; TRANSMISSION; SYSTEM; TELEVISION; RADIO;  
REPORT; SYSTEM; FIX; TIME; FRAME; PULSE; TRAIN; ADD; TIME; VARIABLE;  
MODULATE; SIGNAL; PULSE; FIX; TIME; COURSE|  
DE- <ADDITIONAL WORDS> CONFER|  
DC- W01; W02|  
IC- <ADDITIONAL> H04J-003/00|  
MC- <EPI> W01-C02B; W01-C05B; W02-D; W02-F05; W02-K02|  
FS- EPI||

13/4/11 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|  
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|  
TI- PARTITIONING DEVICE FOR AUTOMOBILE  
PN- 2002-193041 -JP 2002193041 A-  
PD- July 10, 2002 (20020710)  
AU- EHRENBARGER MARINA; SCHLECHT WERNER P; SEEL HOLGER  
PA- BOS GMBH & CO KG  
AN- 2001-344248 -JP 2001344248-  
AN- 2001-344248 -JP 2001344248-  
AD- November 09, 2001 (20011109)  
PR- 00 10056671 [DE 10056671], DE (Germany), November 09, 2000 (20001109)  
B60R-005/04  
AB- PROBLEM TO BE SOLVED: To provide a partitioning device for an

1130-Aug-0411:21 AM



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automobile which can be simply moved by a worker to a protecting position where a surface unit is drawn out. SOLUTION: In this partitioning device for an automobile, having a soft surface unit to be held on a winding shaft supported in a cassette case capable of winding and unwinding the surface unit between its wound stationary position and its drawn out protecting position bound to a hold implement **fixed** to the **automobile** to be loaded with the winding shaft in the winding direction by a return spring device, a switching device is provided, the switching device reduces or interrupts winding force of the return spring device in the drawn out position of the surface unit for a fixed time by a **time limit** element to make the return spring device act again after the lapse of time preset by the **time limit** element. COPYRIGHT: (C)2002,JPO

13/4/12 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|  
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|  
TI- ASSEMBLY LINE CONTROL SYSTEM  
PN- 2001-129731 -JP 2001129731 A-  
PD- May 15, 2001 (20010515)  
AU- MADDEN RICK; FRENCH JEFF  
PA- HONDA CANADA INC  
AN- 2000-236246 -JP 2000236246-  
AN- 2000-236246 -JP 2000236246-  
AD- August 03, 2000 (20000803)  
PR- 99 368254 [US 99368254], US (United States of America), August 03, 1999 (19990803)  
B23P-021/00; B62D-065/18; G06F-017/60  
AB- PROBLEM TO BE SOLVED: To provide an assembly line control system, in particular, a storage lot control system of an automobile assembly line. SOLUTION: This invention relates to an assembly line control system, concretely, relates to a storage lot control system of a vehicle assembly line. A communication network is mounted on a manufacturing assembly line. This assembly line includes plural readers and processing stations to determine and confirm the ID of a vehicle passing through near the reader and the processing station, and the build.instruction, the status, the position, the condition and the history of defects and **repair** of the **vehicle**. The information is stored in a computer database. The routing of the vehicle passing the manufacturing process is determined and executed on the basis of the stored information relating to the vehicle, the storage status and the producing schedule. This assembly line takes various storage loops and shifting lanes and the possibility of the contact of components of a number of vehicles having the similar built instruction is increased, so the replacement of parts can be reduced, the **production schedule** can be satisfied, and the system can properly cope with the shortage of parts. COPYRIGHT: (C)2001,JPO

13/4/13 (Item 3 from file: 347)

FN- DIALOG(R)File 347:JAPIO|  
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|  
TI- MOBILE COMMUNICATION SYSTEM  
PN- 10-261992 -JP 10261992 A-  
PD- September 29, 1998 (19980929)  
AU- NITORI KAZUHIKO  
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)

Search Report from Ginger R. DeMille

AN- 09-064387 -JP 9764387-  
AN- 09-064387 -JP 9764387-  
AD- March 18, 1997 (19970318)  
IC- -6- H04B-007/26; G08G-001/09  
CL- 44.2 (COMMUNICATION -- Transmission Systems); 26.2 (TRANSPORTATION -- Motor Vehicles); 44.9 (COMMUNICATION -- Other)  
AB- PROBLEM TO BE SOLVED: To perform efficient data transmission that flexibly copes with the change of traffic on a road even under a limited frequency resource by forming a packet communication path where a communication cycle and the number of communication paths are variable between a traveling **vehicle** and a **fixed** communication network on a road side in accordance with a traffic state.

SOLUTION: A communication line 3 is formed between a base station transmitter-receiver 2 and a mobile transmitter-receiver 1 on each traveling vehicle. First, a **time frame** of a certain basic cycle is divided into many time slots. In the case of full rate communication, communication between one transmitter-receiver 1 and the transmitter-receiver 2 occupies one time slot for each **time frame** and is performed. When a transmission rate is reduced and a transmission line 3 is increased, one time slot is used by plural transmitter-receivers 1 in turn. The cycle of communication is determined when each transmitter-receiver 1 judges the crowded state of a communication line based on its own traveling speed, or it is decided by the transmitter-receiver 2 in accordance with a traffic state on a road.

13/4/14 (Item 4 from file: 347)

FN- DIALOG(R) File 347:JAPIO|  
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|  
TI- MOBILE STATION INFORMATION COLLECTING METHOD  
PN- 06-216824 -JP 6216824 A-  
PD- August 05, 1994 (19940805)  
AU- KITSUGIYA SADAMU  
PA- FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)  
AN- 05-004420 -JP 934420-  
AN- 05-004420 -JP 934420-  
AD- January 14, 1993 (19930114)  
IC- -5- H04B-007/26; H04B-007/24  
CL- 44.2 (COMMUNICATION -- Transmission Systems); 26.2 (TRANSPORTATION -- Motor Vehicles)  
SO- Section: E, Section No. 1626, Vol. 18, No. 580, Pg. 10, November 07, 1994 (19941107)  
AB- PURPOSE: To recognize whether a mobile station is included in a prescribed area or not with no waiting time required by providing a **time frame** for a common answer at the head of the answer signal received from the mobile station after a base station transmitted the vehicle search signal of a specific mobile station to all mobile stations.

CONSTITUTION: The control center of a base station transmits at a time the vehicle search signals produced by an information processor 20 to the mobile stations mounted on the **vehicles** in a **fixed** area by a controller 30 in a signal form suited to a radio equipment. The mobile station mounted on a specific vehicle of a relevant area transmits an answer signal to the base station. The base station detects the presence or absence of both common and individual signals sent from the corresponding mobile station by an answer detecting

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part 10. Then the processor 20 decides the presence or absence of a vehicle that answered in the relevant area based on a fact whether an answer detection signal is received or not in a **time frame** for a common answer set at the head of the answer signal. Therefore the

base station can know the presence or absence of an answered vehicle in a relevant area at the end of the preceding **time frame**. Then if the relevant mobile station is absent, the base station can produce the next vehicle search instruction.

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? show files;ds

File 348:EUROPEAN PATENTS 1978-2004/Aug W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	19141	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?)(5N)(REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	403	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	46	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	3	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	659836	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	0	(S2:S4)(8N)S5(8N)(SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	141	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	12	S1(10N)(TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?)(10N)S5
S9	1198	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING)(5N)(REPAIR? OR FIX?)(5N)(TIME OR HOUR? ?)
S10	1198	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING)(5N)(REPAIR? OR FIX?)(5N)(TIME OR HOUR? ?)
S11	48	(S1:S4)(2S)(TIMEFRAME? OR TIME()FRAME? OR TIME()LIMIT? ? OR PRODUCTION()SCHEDULE)
S12	13	S11(2S)(DELAY? OR REASON? ?)

? t12/3,k/all

12/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01368002

Window characteristic mapping for object detection

Kennfelddatenbestimmung eines Fensters zur Hinderniserkennung

Determination de donnees de diagramme d'une vitre pour controle d'obstruction

PATENT ASSIGNEE:

Meritor Light Vehicle Technology, LLC, (3134550), 2135 West Maple Road,  
Troy, Michigan 48084, (US), (Applicant designated States: all)

INVENTOR:

Tyckowski, Joseph, 111 Tecumseh, Clawson, Michigan 48017, (US)

LEGAL REPRESENTATIVE:

Jones, John Bryn et al (91052), Withers & Rogers, Goldings House, 2 Hays  
Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 1164245 A2 011219 (Basic)  
EP 1164245 A3 030611

APPLICATION (CC, No, Date): EP 2001305227 010615;

PRIORITY (CC, No, Date): US 596261 000616

DESIGNATED STATES: DE; ES; FR; GB; IT

130-Aug-0411:33 AM

Search Report from Ginger R. DeMille

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: E05F-015/00; H02H-007/085  
ABSTRACT WORD COUNT: 107  
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200151	344
SPEC A	(English)	200151	1880
Total word count - document A			2224
Total word count - document B			0
Total word count - documents A + B			2224

...SPECIFICATION the response of a window closure to correct for the actual system response in discrete **timeframes** . This provides a better expected response, and thus will reduce the number of "false" or " **delayed** " obstructions.

A preferred embodiment of this invention has been disclosed; however, a worker of ordinary...

...art would recognise that modifications would come within the scope of this invention. For that **reason** , the following

12/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00789812

CURABLE SEALER AND/OR ADHESIVE COMPOSITION, METHOD FOR COATING SAME AND COATED SUBSTRATES

HARTBARE DICHTUNGS- UND/ODER KLEBEZUSAMMENSETZUNG, VERFAHREN ZUM BESCHICHTEN DERSELBEN UND BESCHICHTETE SUBSTRATE

COMPOSITION SERVANT DE BOUCHE-PORES ET DE COUCHE D'ACCROCHAGE ET SON PROCEDE D'APPLICATION, ET SUBSTRATS AINSI FORMES

PATENT ASSIGNEE:

MINNESOTA MINING AND MANUFACTURING COMPANY, (300410), 3M Center, P.O. Box 33427, St. Paul, Minnesota 55133-3427, (US), (Proprietor designated states: all)

INVENTOR:

OWEN, Ian, R., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 801663 A1 971022 (Basic)

EP 801663 B1 990818

WO 9620975 960711

APPLICATION (CC, No, Date): EP 95944159 951220; WO 95US16597 951220

PRIORITY (CC, No, Date): US 368885 950105

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT-CLASS: C08K-005/435; C08L-083/12; C09J-183/12

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9933	478
CLAIMS B	(German)	9933	415

Search Report from Ginger R. DeMille

CLAIMS B	(French)	9933	545
SPEC B	(English)	9933	5643
Total word count	- document A		0
Total word count	- document B		7081
Total word count	- documents A + B		7081

...SPECIFICATION is often the case that a seam sealer will be applied onto the exterior a **vehicle** being **repaired** where the seam sealer, as applied on the vehicle, is left to cure for a...

...opportunity to apply the paint over the seam sealer. Since such unplanned or unavoidable extended **delays** can and do arise, in practice, before a paint can be applied to a previously...

...seam sealer and thereafter applying the paint onto the seam sealer within a relatively short **time frame** to ensure adequate adhesion was formed between the seam sealer and the paint. Because of...

12/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00360674

**A motor-powered opening/closing apparatus for a window or door.**

**Motorisch betriebene Offnungs-/Schliessvorrichtung fur ein Fenster oder eine Tur.**

**Appareil d'ouverture/fermeture actionne par moteur pour une fenetre ou une porte.**

PATENT ASSIGNEE:

KABUSHIKI KAISHA RIKEN, (555551), 1-13-15, Kudankita Chiyoda-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Osamu, Yaguchi, 1-19-104, Sakae-cho, Kashiwazaki-shi Niigata-ken, (JP)

LEGAL REPRESENTATIVE:

Jackson, David Spence et al (32231), REDDIE & GROSE 16, Theobalds Road, London, WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 345914 A1 891213 (Basic)  
EP 345914 B1 940119

APPLICATION (CC, No, Date): EP 89300345 890116;

PRIORITY (CC, No, Date): JP 88140905 880608; JP 88140906 880608; JP 88140907 880608

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: E05F-015/00;

ABSTRACT WORD COUNT: 113

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1343
CLAIMS B	(German)	EPBBF1	1217
CLAIMS B	(French)	EPBBF1	1447
SPEC B	(English)	EPBBF1	6480
Total word count	- document A		0
Total word count	- document B		10487
Total word count	- documents A + B		10487

...SPECIFICATION characteristic measured a predetermined time before by the further sensor means. The apparatus includes a **delay** amplifier for inserting the required **delay** in the measurement of the previous or old

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value of the motor characteristic. The specific...

...the motor current into a voltage which is applied to the respective inputs of the **delay** amplifier and a real time amplifier. The **delay** amplifier circuitry includes a resistor and a capacitor which in effect act as a memory...

...sensitivity detection of clamping of a foreign object between the window glass and a window **frame** and closing of the window glass with sufficiently large force.

It is another object of...

12/3,K/4 (Item 1, from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01043254 \*\*Image available\*\*

**METHOD AND SYSTEM FOR TRACKING AND PROVIDING INCENTIVES AND BEHAVIORAL INFLUENCES RELATED TO MONEY AND TECHNOLOGY**  
**PROCEDE ET SYSTEME DE SUIVI ET D'OCTROI D'INCITATIONS A DES TACHES ET ACTIVITES ET AUTRES DOMAINES DE COMPORTEMENT TOUCHANT A L'ARGENT, AUX INDIVIDUS, A LA TECHNOLOGIE, ET AUTRES VALEURS**

Patent Applicant/Inventor:

MARSHALL T Thaddeus, 7 Clover Leaf Court, Medford, NJ 08055, US, US  
(Residence), US (Nationality)

Legal Representative:

ROSENTHAL Robert E (agent), Duane, Morris LLP, One Liberty Place,  
Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200373236 A2-A3 20030904 (WO 0373236)

Application: WO 2003US5982 20030227 (PCT/WO US03005982)

Priority Application: US 2002360347 20020227; US 2002361794 20020305; US 2002364237 20020313; US 2002364448 20020314; US 2002370518 20020404; US 2002394827 20020709; US 2002403166 20020813; US 2002413270 20020924; US 2002414860 20020930; US 2002416135 20021003; US 2002416288 20021004; US 2002418413 20021015; US 2002421170 20021025; US 2002422042 20021028; US 2002427787 20021119; US 2002429596 20021126; US 2002430542 20021202; US 2002433921 20021216; US 2003439306 20030109

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 66639

Fulltext Availability:

Claims

Claim

... against sponsoring companies, may be a condition to acceptance of

benefits in a plan. Defined **reasons** subject to a waiver may include ID theft-related damage claims. Such waivers may not...been or may have been compromised due to a computer hacking event or for other **reasons**, all of the credit card customers who may conceivably be effected directly or indirectly may...that manage personal data of customers and employees, victims and others those who, for whatever **reason** are at -risk

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to become victims of identity theft or who will suffer greater hann due to the nature of their occupations or other circumstances or for other **reasons**. The provision of legal and non-legal services will generate greater benefits compared to existing...be provided so that participants such as the elderly who are at risk for various **reasons** may receive a greater overall level of protection. The same or a higher or lower... individuals from the risk of damage claims being brought against dog owners and for other **reasons** that are also relevant and valuable to dog owners, such as boat-related or hunting...with other services for businesses. For example, companies that engage in unanticipated relocation for any **reason** may face penalties and costs such as premature lease termination fees and other negative consequences...that a relocation of a company, one or more employees or is required for any **reason**, costs such ...payment or other task or activity may be accomplished through a website, possibly within prescribed **time frames** and/or possibly within other parameters deemed desirable or relevant. In addition, per event coverage...certain legal rights, possibly for prescribed periods of time such as loan periods and other **time frames** that may be desired. Such waivers may include agreeing to forego certain types of claims...particular times and/or for times that may be subject to minimum and/or maximum **time limits** and/or when customers are detected at or near particular physical locations and/or at...the communications/GPS network, discounts on purchases made within particular locations, reduced cost for new **vehicle** purchases, **vehicle repairs** and an unlimited number of other benefits that may be made available over time that...for this access to customers by marketers/advertisers one or more times in a given **time frame**, possibly subject to limitations, may result in a value discount preferred features or other benefits...as may be desired by program participants. [0002341 Value may also be awarded for any **reason** including, for example, if customers initiate contact with the system administrator from their vehicles or... communications/GPS network, discounts on purchases made within particular locations, reduced cost for new **vehicle** purchases, **vehicle repairs** and an unlimited number of other benefits that may be made available over time that...for this access to customers by marketers/advertisers one or more times in a given **time frame**, possibly subject to limitations, may result in a value discount, preferred features or other benefits...for a measured period of time such as three days or a week. As the **time - frame** and/or the distance of the contemplated route increases, the time to redeem or otherwise...in the applications incorporated by reference for rewarding customers for agreeing to reschedule or experiencing **delays** may also be incorporated. Such methods may be employed, for example, if a customer is...factors such as type of vehicle, or those that consume renewable energy and for other **reasons**, for example. These may be combined or coordinated with my methods described in previous patent...

...herein. [0002561 Redemption of rewards may relate specifically to automobiles, such as credit towards future **vehicle repairs** including at particular auto dealerships or other repair stations, credit for future purchases of automobiles...to check off the items that the



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individual is interested in purchasing, possibly indicating the **time frame** within which the individual desires to make the purchases and any other factors deemed relevant...as legal and/or medical advice or other information deemed to have value for any **reason** . [0002751 This process may be coordinated with large retailers and entitle customers who view advertising...by other means regarding other information that may be deemed desirable or relevant for any **reason** , by filling out a survey, possibly regarding those products and services that ...as pollution and the like, that may not be deemed socially desirable and for other **reasons** . These methods may be combined or coordinated with other methods described herein.

Email Forwarding for...also participated in or proceeds to participate in any other activity deemed relevant for any **reason** by program

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administrators or participants. The activity in question may be any tasks and...

...may be considered desirable or undesirable at or within any prescribed times and for any **reason** such ...characters, to rate various programming, to provide feedback regarding the broadcasted content and for other **reasons** that may be relevant to particular circumstances including the desire on the part of the...deemed relevant in given circumstances. If additional tasks and activities are not achieved within prescribed **time frames** , the points and related opportunities associated with them may expire. This approach may be adopted...also participated in or proceeds to participate in any other activity deemed relevant for any **reason** by program administrators or participants or by others related in any way to the program...

...be considered desirable or undesirable at or within any prescribed times and for any

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**reason** . By way of example only, rewards may be offered for the activity of downloading music...receiving points for participating in particular promotions and for an endless variety of other desirable **reasons** . The above described interactions and others may possibly occur at or within preferred dates, times...that may benefit from association with celebrities and other identified persons of interest for any **reason** . In additional promotions such as those ...or group that may have suffered a tragedy such as a fire or for any **reason** to receive benefits generated through the adoption and/or use of particular ...are very difficult for law enforcement agencies to catalog and enforce for a variety of **reasons** . By providing an organized program and approach for members of the public or members of...may be wanted for questioning by law enforcement or who may be sought for other **reasons** not involving law enforcement purposes. Knowledge of and conformity to screening device usage such as...more intensive background checks and searches and items that may warrant closer inspection for any **reason** . In this context, participants including screeners or teams of screeners and individuals who are subject time threshold permitted individually and over time, time of inconvenience or **delay** individuals experience during the process and on other grounds. Supervisors or others may be able...of points awarded or the types of rewards may be adjusted for a variety of **reasons** . For example, the Federal government currently issues terrorism alerts with various gradations or levels of...for such risks, as well. These methods serve the interest of all participants for different **reasons** . Rewards may be provided for compliance with steps to avoid becoming a victim of a ...methods described herein such as access to legal services, tutoring

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services and others for defined **reasons** that may generate incentives for conformity to desired behavior within these settings and within other ...or activity in any desired ways and/or at any desired times and for any **reason** ; (3) Performance of any tasks or activities of any type including maintaining prescribed account balances...otherwise assessed for any products and services that may be offered to anyone for any **reason** including, but not limited to prepaid legal and/or other professional services ; (5) Earning credits...activities for prescribed periods of time and any other preferred benefits deemed desirable for any **reason** . [000358] Payment may be made in accordance with the invention using magnetic stripe cards, chip...

12/3,K/5 (Item 2 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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01023477

**41 HUMAN SECRETED PROTEINS**

**41 PROTEINES SECRETEES HUMAINES**

Patent Applicant/Assignee:

HUMAN GENOME SCIENCES INC, 9410 Key West Avenue, Rockville, MD 20850, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

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RUBEN Steven M, 19420 Pyrite Lane, Brookeville, MD 20833, US, US  
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Legal Representative:

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West Avenue, Rockville, MD 20850, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200352377 A2 20030626 (WO 0352377)  
Application: WO 2002US35606 20021106 (PCT/WO US0235606)  
Priority Application: US 2001331046 20011107

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 139647

Fulltext Availability:

Detailed Description

**Detailed Description**

... routinely translated using known molecular biology techniques. The polypeptides produced by these alternative open reading **frames** are specifically contemplated by the present invention.

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In the twelfth and thirteenth columns of Table...or more modified bases  
or DNA or RNA  
backbones modified for stability or for other **reasons** . "Modified"  
bases include, for example, tritylated bases and unusual bases such as  
inosine. A variety...

12/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00995001 \*\*Image available\*\*

**AN APPARATUS AND A DEVICE FOR USING AUXILIARY CONTROL DEVICES OF A VEHICLE**  
**APPAREIL ET DISPOSITIF PERMETTANT D'UTILISER DES DISPOSITIFS DE COMMANDE**  
**SECONDAIRES D'UN VEHICULE**

Patent Applicant/Assignee:

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(Residence), FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

LAUKKANEN Mikko, Kaivokatu 1 B 39, FIN-33500 Tampere, FI, FI (Residence),  
FI (Nationality), (Designated only for: US)

Legal Representative:

TAMPEREEN PATENTTITOIMISTO OY (agent), Hermiankatu 12 B, FIN-33720  
Tampere, FI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200324734 A1 20030327 (WO 0324734)

Application: WO 2002FI708 20020903 (PCT/WO FI0200708)

Priority Application: FI 20011753 20010904

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM  
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Finnish

Fulltext Word Count: 10385

Fulltext Availability:

Claims

Claim

... the vehicle for some  
time by turning the lever switch, and after a suitable predetermined  
**delay** time, to switch off the flashing traffic indicator automatically  
by turning the lever switch in...need to learn to use the auxiliary  
control devices when driving different vehicles. For this **reason** , the  
apparatus according to the invention is also easy to install in vehicles  
of different...apparatus according to the invention can be made very  
compact,  
wherein it can be easily **fixed** in and removed from the **vehicle**  
without

Search Report from Ginger R. DeMille

leaving marks, or, if necessary, it can also be easily transferred from one vehicle...actuator will first return immediately to its basic position and after a pre-programmed **delay** time the actuator 20 will still make a short return ...direction (2c), returning the lever switch 11 back to its centre position. A suitable **delay** time may be, for example, 1 s. This function is useful when one wishes to make...handle 13, the driver controls the flashing traffic light to the left for a moment ( **delay** time 6 s) and simultaneously accelerates by pulling the handle 13 backwards and further, substantially...

...switch 11 of the flashing traffic indicators to the centre position automatically after a given **delay** time. When reaching the side of the vehicle to be passed, the driver can...the speed to a suitable level by using the handle 13. After the 6 s **delay** time, the actuator 20 will return the lever switch of the flashing traffic indicators automatically...hand (when so desired) continuously control device. It should be noted that the above-presented **time limits** for short .120 (< 3 s), medium-length (0.3 to 0.8 s) and long (> 0.8 s) pressings as well as the **delay** time (6 s) of the flashing traffic indicator are only some examples which have been presented to illustrate different functions of the invention. Naturally, these **time limits** and the **delay** time may also be freely selected to differ from said values, by suitable programming of...

12/3,K/7 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT/FULLTEXT  
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00994559

DIGITAL OPTIONS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING  
EXCHANGE THEREFOR  
OPTIONS NUMERIQUES A RETOURS AJUSTABLES BASEES SUR LA DEMANDE ET BOURSE  
D'ECHANGES COMMERCIAUX AFFERENTE

Patent Applicant/Assignee:

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Legal Representative:

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NY 10004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200323575 A2 20030320 (WO 0323575)

Application: WO 2002US30309 20020909 (PCT/WO US0230309)

Priority Application: US 2001950498 20010910

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI

Search Report from Ginger R. DeMille

SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122079

Fulltext Availability:

Claims

Claim

... m

Z)

active groups of DBAR contingent claims in the portfolio. In Step (6), the **CAR** for the entire portfolio of m groups of DBAR contingent

C

claims is found by...an important execution control feature in demand-based auctions or markets because final execution is **delayed** until the end

12/3,K/8 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00823067

**NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES**

**ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS**

Patent Applicant/Assignee:

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US)

Patent Applicant/Inventor:

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US, US (Residence), US (Nationality), (Designated only for: US)

RUBEN Steven M, 18528 Heritage Hills Drive, Olney, MD 20832, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HOOVER Kenley K (et al) (agent), Human Genome Sciences, Inc., 9410 Key  
West Avenue, Rockville, MD 20850, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155388 A1 20010802 (WO 0155388)

Application: WO 2001US1395 20010117 (PCT/WO US0101395)

Priority Application: US 2000179065 20000131; US 2000180628 20000204; US  
2000186350 20000302

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU ~~AF~~ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH ~~GM~~ HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

Search Report from Ginger R. DeMille

(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 157886

Fulltext Availability:  
Detailed Description

Detailed Description

... an entire sequence referred to in Table IA or 2 as the ORF (open reading **frame** ), or any fragment specified as described herein.  
[901 As a practical matter, whether any particular...in any combination are also preferred. Polynucleotide variants can be produced for a variety of **reasons** , e.g., to optimize codon expression for a particular host (change codons in the human...

12/3,K/9 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**

**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

Patent Applicant/Assignee:

E-BRAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 34705, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, GA 30067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)  
Application: WO 2000US31231 20001113 (PCT/WO US0031231)  
Priority Application: US 99164884 19991112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 275671

Fulltext Availability:  
Claims

Claim

Search Report from Ginger R. DeMille

... the Functions of Punctuation. Sometimes more than one Compression Operator is operating at the same **time** on the same word. At the same time the majority of punctuation that exists in...one of the number codings. Also includes "some 'A few' , 20, etc.

Only actions have **reasons**

61) Further Data Category Characteristics - Matter

Step 4. Make a full list of all prefixes...are defined for a Concept Language; hence there are Meaning Rules and Operator Rules. The **reason** for this, is that theO two types of word as distinguished above, are not treated...

12/3,K/10 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784137

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE  
COLLECTION IN ENVIRONMENT SERVICES PATTERNS

SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION  
D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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Legal Representative:

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Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2-A3 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150959

Fulltext Availability:

Detailed Description

Detailed Description

... architecture;

Figure 3 shows the dependencies of three architecture frameworks;

Figure 4 illustrates a delivery **vehicle** matrix;

Figure 5 illustrates a Delivery Vehicle Cube;

Figure 6 is a flow diagram depicting...system software been live at  
another site for at least six to twelve months.?

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This **time frame** varies by product. Have reference sites been verified?  
What is a framework?  
It is a...

...used as a thought trigger or as a completeness check. You cannot build from a **framework** directly but instead should use it as a starting point for understanding and designing.

Frameworks...automate areas such as information routing, task processing, and work-in-process reporting.

Are fixed **delays** - **or** deadlines involved?  
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Workflow has been used to regulate **delays** and deadlines such as those associated with government regulations, contractual obligations, accounting periods, customer service...

...large pool, a complex method of assigning priorities, an extremely dynamic environment, or some other **reason**. Another advantage to work scheduling is that the system can initiate some needed activity automatically...common pattern language for conveying the structures and mechanisms of architectures allows us to intelligibly **reason** about them. The primary focus is not so much on technology as it is on... controls), rather User Interface Components are usually built from low-level user interface controls. The **reason** for the dashed arrow in the diagram above is a subtle one. It points to...might argue the first major change in design thinking since structured design. There are several **reasons** for this breakthrough.

266  
Business Components model entities and processes at the enterprise level, and...

12/3,K/11 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
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Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States:



Search Report from Ginger R. DeMille

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150947

Fulltext Availability:

Detailed Description

Detailed Description

... three architecture frameworks;

Figure 4 illustrates a delivery vehicle matrix;

Figure 5 illustrates a Delivery **Vehicle** Cube;

Figure 6 is a flow diagram depicting considerations to be taken into consideration when...few large executables makes minor updates difficult for even a small scale user population. Every **time** an update is made, a process must be initiated to distribute new code to all...controls), rather User Interface Components are usually built from low-level user interface controls. The **reason** for the dashed arrow in the diagram above is a subtle one. It points to...might argue the first major change in design thinking since structured design. There are several **reasons** for this breakthrough.

Business Components model entities and processes at the enterprise level, and they...

12/3,K/12 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761430 \*\*Image available\*\*

SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION  
CONCERNING COMPONENTS OF A SYSTEM

SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE  
PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE  
EN OEUVRE D'UNE TECHNIQUE

Patent Applicant/Assignee:

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Inventor(s):

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BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

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Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073956 A2-A3 20001207 (WO 0073956)

Application: WO 2000US14406 20000524 (PCT/WO US0014406)

Priority Application: US 99321274 19990527

1430-Aug-0411:33 AM

Search Report from Ginger R. DeMille

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
(utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EE  
(utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR (utility model) KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149024

Fulltext Availability:

Detailed Description

Detailed Description

... FIELD OF THE INVENTION

The present invention relates to conveying information regarding a web architecture **framework** and more particularly to demonstrating priority among components of a system that are required for...

12/3,K/13 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00338463

**CURABLE SEALER AND/OR ADHESIVE COMPOSITION, METHOD FOR COATING SAME AND COATED SUBSTRATES**

**COMPOSITION SERVANT DE BOUCHE-PORES ET DE COUCHE D'ACCROCHAGE ET SON PROCEDE D'APPLICATION, ET SUBSTRATS AINSI FORMES**

Patent Applicant/Assignee:

MINNESOTA MINING AND MANUFACTURING COMPANY,

Inventor(s):

OWEN Ian R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9620975 A1 19960711

Application: WO 95US16597 19951220 (PCT/WO US9516597)

Priority Application: US 95368885 19950105

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 7633

Fulltext Availability:

Detailed Description

Detailed Description

... is often the case that a seam sealer will be applied onto the exterior a **vehicle** being **repaired** where the seam sealer, as applied on the vehicle, is left to cure for a...

Search Report from Ginger R. DeMille

...opportunity to apply the paint over the seam sealer. Since such unplanned or unavoidable extended **delays** can and do arise, in practice, before a paint can be applied to a previously...

...seam sealer and thereafter applying the paint onto the seam sealer within a relatively short **time frame** to ensure adequate adhesion was formed between the seam sealer and the paint. Because of...

?

# Search Report from Ginger R. DeMille

? show files;ds

File 15:ABI/Inform(R) 1971-2004/Aug 28  
 (c) 2004 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2004/Aug 30  
 (c) 2004 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Aug 30  
 (c)2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2004/Aug 30  
 (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 30  
 (c) 2004 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2004/Aug 27  
 (c) 2004 The Gale Group  
 File 20:Dialog Global Reporter 1997-2004/Aug 30  
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 File 476:Financial Times Fulltext 1982-2004/Aug 30  
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 File 610:Business Wire 1999-2004/Aug 30  
 (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Aug 30  
 (c) 2004 PR Newswire Association Inc  
 File 634:San Jose Mercury Jun 1985-2004/Aug 28  
 (c) 2004 San Jose Mercury News  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 30  
 (c) 2004 The Gale Group  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 13:BAMP 2004/Aug W4  
 (c) 2004 The Gale Group  
 File 75:TGG Management Contents(R) 86-2004/Aug W4  
 (c) 2004 The Gale Group  
 File 95:TEME-Technology & Management 1989-2004/Jun W1  
 (c) 2004 FIZ TECHNIK

Set	Items	Description
S1	122504	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?)(5N)(REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	16056	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	3001	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	5736	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	9880633	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	212	(S2:S4)(8N)S5(8N)(SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	2891	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	160	S1(10N)(TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?)(10N)S5

Search Report from Ginger R. DeMille

S9 4683 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S10 4683 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S11 6054 (S1:S4 OR S7 OR S8) (2S) SCHEDUL?

S12 17 (S1:S4) (2S) (S9:S10) (2S) SCHEDUL?

S13 469 S11(2S) (DELAY? OR OPTIMIS? OR OPTIMIZ?)

S14 469 S13 NOT S14

S15 18 S11(2S) (DELAY? OR LATE OR BEHIND) (2S) (OPTIMIS? OR OPTIMIZ?)

S16 13 RD (unique items)

S17 13 RD S12 (unique items)

S18 298 S11(2S) DELAY?

S19 52 S18(2S) (REASON OR CAUSE)

S20 27 S19 NOT PY>2000

S21 20 RD (unique items)

S22 41 (S1:S4 OR S8) (3S) (S9:S10) (3S) (DELAY? OR LATE?)

S23 22 S22 NOT PY>2000

S24 16 RD (unique items)

S25 379635 TIMEFRAME? OR TIME() FRAME? OR TIME() LIMIT? ? OR PRODUCTION-  
( ) SCHEDULE

S26 132 (S1:S4) (2S) (S25 OR DELAY? ?) (4N) (REPAIR? ?)

S27 83 S26 NOT PY>2000

S28 67 RD (unique items)

?

Search Report from Ginger R. DeMille

? t28/3,k/all

**28/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02039446 55409283

**Auto repair perspective work for, not against**

Norris, John

Canadian Underwriter v67n5 PP: 20-24 May 2000

ISSN: 0008-5251 JRNL CODE: CAU

WORD COUNT: 1333

...TEXT: owner and insurer should work together rather than against each other.

Insurers who pay for **repair** and refinish of collision damaged **vehicles** expect a seamless claims process. Insurers talk about a quality claims experience for their clients...

...that he/she will be eager to reinsure with their company

Collision shop owner/managers **repair vehicles** for their customers - the **car** owner. The insurer however, pays the bills. The shop owner wants a happy customer too..

... friends and relatives is the largest source of income, so they too want a seamless **repair** with no hassles or **delays** .

So, if everyone wants the same end result, namely a happy client and a seamless...

...both collision repair shops and insurers often alienate customers in the claims handling aspect of **vehicle repairs** . The following is a list of the top ten complaints received by my office. I...

**28/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01829296 04-80287

**Good maintenance is not an accident**

McGoldrick, Paul

Broadcast Engineering v41n5 PP: 150 May 1999

ISSN: 0007-1994 JRNL CODE: BRG

WORD COUNT: 881

...TEXT: content. I have known a number of extremely well-paid auto technicians who admit that **repairing vehicles** is no longer the fun it used to be.

Fault diagnosis using the data made...

... are often caused by a fault in another location, a cascade effect that confuses and **delays repairs** . Simply replacing pieces until something relative to the problem changes is an expensive, and unfortunate...

Search Report from Ginger R. DeMille

**28/3,K/3 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01800091 04-51082

**Collision course**

Panko, Ron

Best's Review (Prop/Casualty) v99n12 PP: 43-48 Apr 1999

ISSN: 0161-7745 JRNL CODE: BIP

WORD COUNT: 2238

...TEXT: insurance claims division.

Gilmartin stays away from aftermarket sheet-metal parts for several reasons, including **delays** in the **repair** process when parts need to be altered to fit properly. He also has concerns about...

... he said. "We're well aware our position is quite different than most insurers."

**Body Shop Battleground**

Automakers conduct their fight at the **auto body repair shops**. One reason they can do this is that consumers don't buy crash parts directly...

**28/3,K/4 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01318048 99-67444

**Taking on the construction waste stream**

Steuteville, Robert

BioCycle v37n10 PP: 64-66 Oct 1996

ISSN: 0276-5055 JRNL CODE: BIO

WORD COUNT: 1669

...TEXT: have been modified so that a grapple can be attached, says Colosimo. If the primary **truck** needs **repair**, the

project suffers no **delay**. The truck system cost \$135,000.

**COLLECTION VARIABLES**

(Photograph Omitted)

Captioned as: After a rough...

**28/3,K/5 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00945107 95-94499

**Customer service - Getting the basics right**

Freemantle, David

Managing Service Quality v4n5 PP: 46-50 1994

ISSN: 0960-4529 JRNL CODE: MAQ

WORD COUNT: 3485

Search Report from Ginger R. DeMille

...TEXT: above its normal workload. None of Cornhill's customers was kept waiting; there was no **delay** in authorizing **repairs**, and insurance money was immediately forthcoming. This was achieved by the claims staff working long...

... locations. These minimize the paperwork following a road accident and speed up the authorization of **repairs** and the return of the **vehicle** to the road.

The achievement of high standards of customer care derives from the mission ...

**28/3,K/6 (Item 6 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00852664 95-02056  
**Bill 164: Toil and trouble**  
Star, William G  
Canadian Underwriter v61n4 PP: 34-36 Apr 1994  
ISSN: 0008-5251 JRNL CODE: CAU  
WORD COUNT: 1020

...TEXT: the permitted 5 per cent rate increase.

And abuse is not limited to accident benefits.

**Autobody repair shops**, towing services and **car** rental firms have established referral arrangements. Towing costs have increased, storage is now \$20 to...

...encourage people to use higher priced replacement vehicles.

Because payment is guaranteed by an insurer, **repair delays** are encountered on a regular basis. It is not unusual to see towing and storage ...

**28/3,K/7 (Item 7 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00828758 94-78150  
**Transformation in practice**  
Anonymous  
Chief Executive CEO Brief Supplement PP: 6-13 Mar 1994  
ISSN: 0160-4724 JRNL CODE: CHE  
WORD COUNT: 4744

...TEXT: felt its reputation was at stake.

Whenever Mazda dealers needed out-of-stock parts to **fix cars** in their shops, they had to wait days for those parts to arrive--even for "rush" orders. That could mean frustrating **delays** for customers, bumpy **repair** schedules for mechanics, and idle **vehicles** in dealers' garages.

The potential for frustrated customers and unhappy dealers doesn't bode



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well...

**28/3,K/8 (Item 8 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00766699 94-16091

**Start your (alternative fuel) engines**

Gorski, Brenda

American City & County v108n10 PP: 72-76+ Sep 1993

ISSN: 0149-337X JRNL CODE: AMC

WORD COUNT: 4276

...TEXT: percent difference in cost could easily be eaten up in downtime caused by a supplier **repair delay**.

**Fleet** managers may check experience with other customers of the vendor, but the may not check...

**28/3,K/9 (Item 9 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00745873 93-95094

**Can "just-in-time" inventories work in shops?**

Deierlein, Bob

Fleet Equipment v19n7 PP: 46-49 Jul 1993

ISSN: 0747-2544 JRNL CODE: FEQ

WORD COUNT: 1696

TEXT: What's the most desirable replacement parts inventory level? Easy! The absolute minimum needed to **repair vehicles** safely and quickly, to avoid road breakdowns and other unscheduled downtime, and maximize vehicle utilization...

... spent for things like chasing parts not in inventory, or the exact cost of extended **vehicle** downtime due to **delays** in **repair**. Dale Dawson of Little Rock, Ark.-based Haygood Truck and Trailer Parts, a company that...

**28/3,K/10 (Item 10 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00731538 93-80759

**Better railroading through safer railroading - Safety: "A great investment"**

Wilner, Frank N

Railway Age v194n3 PP: 53-56 Mar 1993

ISSN: 0033-8826 JRNL CODE: RAA

WORD COUNT: 2319

...TEXT: only destroy the morale and effectiveness of a highly trained and loyal work force, they **delay trains**, impose cleanup and **repair** costs, chase business to competing modes, and taint investors' and lenders' images of railroads.

Despite...

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**28/3,K/11 (Item 11 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00711191 93-60412

**The art of parts supply**

Deierlein, Bob  
Beverage World v112n1541 PP: 64-68 May 1993  
ISSN: 0098-2318 JRNL CODE: BEV  
WORD COUNT: 1249

...TEXT: most cost-and space-efficient stock of replacement parts to maintain: the minimum needed to **repair vehicles** safely and quickly and yet maximize uptime. Easier said than done. of course. It's...

... parts not in inventory, nor the exact cost of lost business or cost of extended **vehicle** downtime due to **repair delays** .

It pays to keep in mind the benefits of a proper inventory level, since on ...

**28/3,K/12 (Item 12 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00691707 93-40928

**Money-making ideas for the profit-minded supervisor**

Mintcloud, Buckley  
Supervision v54n4 PP: 22-23+ Apr 1993  
ISSN: 0039-5854 JRNL CODE: SUP  
WORD COUNT: 1366

...TEXT: and come up with the ideal solution.

In one situation, Xerox spent months investigating product **repair delays** . The obvious solution was more parts on **repair trucks** . The more economically feasible answer: Using delivery services like Federal Express to rush the right...

**28/3,K/13 (Item 13 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07818614 Supplier Number: 65298680 (USE FORMAT 7 FOR FULLTEXT)

**News Briefs.**

Air Safety Week, v14, n38, pNA  
Sept 18, 2000  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2244

... can have both direct and indirect costs. For example, if a catering truck strikes an **airplane** , the direct cost of the **repairs** might be \$17,000, but the indirect costs (flight **delays** , ferrying the

Search Report from Ginger R. DeMille

aircraft for **repairs** , or lodging passengers in hotels) can top \$230,000. Here's another example, involving a...

28/3,K/14 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07433716 Supplier Number: 62513017 (USE FORMAT 7 FOR FULLTEXT)  
**Arbortext XML E-Content Software Helps Volkswagen of America Maximize Web To Deliver Service Information to Dealerships.**  
PR Newswire, p1131  
June 6, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 502

... over the Web the same day. This capability now enables their dealerships and after market **repair shops** to respond much more quickly to **vehicle** maintenance issues, ultimately better satisfying their direct customers.

"Publishing information to the Web allows us to make new service and **repair** information available without significant **delay** ," said Dirk Beth, technical information resource, IT project specialist at Volkswagen of America. "Being able..."

28/3,K/15 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07107453 Supplier Number: 59637796 (USE FORMAT 7 FOR FULLTEXT)  
**Makers hurt themselves by cutting technicians' pay on warranty work. (Brief Article)**  
HALL, DONALD L.  
Automotive News, v74, n5863, p14  
Feb 28, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Tabloid; Trade  
Word Count: 468

... does not have a part on hand, he or she must wait to perform the **repair** , which **delays** the tech's income for that job. And, of course, the customer must wait for...

...is unconscionable to expect their franchised dealers to subsidize their mistakes through below-cost warranty **repairs** .

Again, I commend those **car** and truck makers who have developed and support technician and education programs.  
But at the...

28/3,K/16 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06712821 Supplier Number: 56195439 (USE FORMAT 7 FOR FULLTEXT)

Search Report from Ginger R. DeMille

Repair trains **collide**, delay **bullet train service**.  
Japan Transportation Scan, pNA  
Oct 4, 1999  
Language: English. Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 201

Repair trains **collide**, delay **bullet train service**.

28/3,K/17 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06023949 Supplier Number: 53445603 (USE FORMAT 7 FOR FULLTEXT)  
**Media Update: Power Wheels(R) Recall:**  
PR Newswire, p8188  
Dec 22, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 412

... away from  
their nearest Service Center.  
Current Situation:  
-- Fisher-Price is acutely aware that the **delay in vehicle**  
**repairs** has  
been a difficult and sometimes frustrating situation for Power Wheels  
owners.  
-- Our significant challenge...

28/3,K/18 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05416112 Supplier Number: 48216621 (USE FORMAT 7 FOR FULLTEXT)  
**Government Update: Changes to California Smog Check Laws Take Effect**  
Autoparts Report, v12, n1, pN/A  
Jan 9, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 293

... cost caps and extensions available to other drivers.  
Drivers of gross polluting vehicles may register their **cars**  
immediately and **delay** required emissions **repairs** until their next smog  
check if they make a maximum of \$450 in repairs, or...

...250 on repairs, the state will contribute an additional amount of up to  
\$450 towards **fixing a vehicle** so it can pass smog check. Low- income  
motorists are those with an income 175...

28/3,K/19 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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Search Report from Ginger R. DeMille

01765682 Supplier Number: 42216614 (USE FORMAT 7 FOR FULLTEXT)

**Cutbacks help drive profits for Champion**

Crain's Chicago Business, p9

July 14, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 439

... that they own two or three cars now. When one isn't working well, they **delay repairs** and drive their other **cars** more."

**28/3,K/20 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09100873 SUPPLIER NUMBER: 18866550 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**SAFECO ready for claims; Has advice for motorists, homeowners.**

Business Wire, p11190311

Nov 19, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 478 LINE COUNT: 00040

... close to a major national holiday, body shops will be overwhelmed and there could be **delays** in getting **repair** work done to your **vehicle**

For Homeowners:

-- Although there's no prediction of an extended freeze, this is a good...

**28/3,K/21 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07807889 SUPPLIER NUMBER: 17003464. (USE FORMAT 7 OR 9 FOR FULL TEXT)

**GPS to GIS - practical solutions from ground zero. (Global Positioning System; geographical information system)**

Pinkston, Donald E., Jr.; Graham, James C.

Public Works, v126, n4, p42(2)

April, 1995

ISSN: 0033-3840 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1836 LINE COUNT: 00143

... not provide good data, bad weather including wind gusts that blew tripods over, discharged batteries, **repair delays**, and even **cars** running into the tripods. Unfortunately, the accuracy of the survey at each point was unknown...

**28/3,K/22 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07702868 SUPPLIER NUMBER: 16569155 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Taking J.I.T. to new limits. (Just-in-time shipping through the FastShip project) (includes related article)**

Canna, Elizabeth

Search Report from Ginger R. DeMille

American Shipper, v37, n2, p50(4)

Feb, 1995

ISSN: 0160-225X      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2216      LINE COUNT: 00167

... Nissan at the Port of Los Angeles. "If we do more than \$500 for a repair, the automobile will be sold as used."

If Nissan has to sell an automobile as used, it...

**28/3,K/23      (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07573283      SUPPLIER NUMBER: 15832879      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Growing technician shortage. (automotive technicians) (Column)**

Heft, William E.

Motor Age, v113, n10, p76(1)

Oct, 1994

DOCUMENT TYPE: Column      ISSN: 0193-7022      LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 543      LINE COUNT: 00038

... loss, there won't be enough techs to go around, and they will experience long delays in auto repairs.

We must work with our schools and junior colleges to instill a desire to return...

**28/3,K/24      (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07315652      SUPPLIER NUMBER: 16474464      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Don't just optimize - unbundle. (automotive distribution) (includes related article)**

Mercer, Glenn A.

McKinsey Quarterly, n3, p103(14)

Summer, 1994

ISSN: 0047-5394      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5148      LINE COUNT: 00414

... with the present system --unsure whether they got a fair deal when buying a new car, annoyed at delays in repairs, and concerned about used-car quality. Despite massive efforts by both OEMs and dealers, few commercial activities generate less customer...

**28/3,K/25      (Item 6 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07064370      SUPPLIER NUMBER: 14840684

**L.I.R.R. removes storm-damaged cars; commuters find delays and shorter trains as repairs are made. (Long Island Rail Road)**

McQuiston, John T.

New York Times, v143, Wed ed, col 4, pB5(L)

Feb 16, 1994

Search Report from Ginger R. DeMille

ISSN: 0362-4331

LANGUAGE: ENGLISH

RECORD TYPE: CITATION

**L.I.R.R. removes storm-damaged cars; commuters find delays and shorter trains as repairs are made. (Long Island Rail Road)**

**28/3,K/26 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

06761619 SUPPLIER NUMBER: 14466935 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Start your (alternative fuel) engines. (municipal fleet Management; includes related articles)**

Gorski, Brenda

American City & County, v108, n10, p72(7)

Sept, 1993

ISSN: 0149-337X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5519 LINE COUNT: 00438

... percent difference in cost could easily be eaten up in downtime caused by a supplier **repair delay**.

**Fleet** managers may check experience with other customers of the vendor, but they may not check...

**28/3,K/27 (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06420865 SUPPLIER NUMBER: 13557180 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Safety: "a great investment." (railroads)**

Wilner, Frank N.

Railway Age, v194, n3, p53(3)

March, 1993

ISSN: 0033-8826

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2485 LINE COUNT: 00205

... only destroy the morale and effectiveness of a highly trained and loyal work force, they **delay trains**, impose cleanup and **repair** costs, chase business to competing modes, and taint investors' and lenders' images of railroads.

Despite...

**28/3,K/28 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05579756 SUPPLIER NUMBER: 11425180 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Video presentations for auditors. (usage of video presentations)**

Fleming, Mark

Internal Auditor, v48, n5, p50(5)

Oct, 1991

ISSN: 0020-5745

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2333 LINE COUNT: 00184

... Vehicles wait years to go into service as tires and batteries deteriorate and warranties expire. **Delays** in the **repair** shops keep

Search Report from Ginger R. DeMille

**vehicles** out of service for weeks. When the narrator recommends steps to improve utilization and put...

**28/3,K/29 (Item 10 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04591419 SUPPLIER NUMBER: 09048821 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Loss cost 'leakage' saps profitability.**

Haggerty, Alfred G.

National Underwriter Property & Casualty-Risk & Benefits Management, n19,  
p54(2)

May 7, 1990

ISSN: 1042-6841

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 578

LINE COUNT: 00046

... spoke of "friction" costs helping to drive up insurance premiums.  
He cited bickering between auto **repair** shops and insurers which delays  
**repairs** and increases the insurers' rental **car** expenses.

Mr. Schrenk said there's no opportunity in going after the profit of  
repair...

**28/3,K/30 (Item 11 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03927414 SUPPLIER NUMBER: 07671271 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Safety is never out of season. (motor safety) (editorial)**

Trunick, Perry A.

Transportation & Distribution, v30, n6, p6(1)

June, 1989

DOCUMENT TYPE: editorial

ISSN: 0895-8548

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 591

LINE COUNT: 00045

... same figures to support their arguments? Of course.

The dollar losses the report attributed to **truck** incidents due to  
**delays**, **repairs**, medical expenses, etc are substantial. But the report  
didn't compare these to incidents that...

**28/3,K/31 (Item 12 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

02833116 SUPPLIER NUMBER: 04093717 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**DOT seeks views on truck safety rules. (Department of Transportation)**

Oil Daily, p6(1)

Jan 9, 1986

ISSN: 0030-1434

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 238

LINE COUNT: 00019

... in three will be involved in a crash.

But the new rules could cause extensive **delays** in **truck** **repairs**  
if approved, according to the Petroleum Equipment Institute. PEI says one  
section of the regulation...



Search Report from Ginger R. DeMille

**28/3,K/32 (Item 1 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01652728

**Repairs Prompt Grounding Of 18 Air Midwest Planes.**  
WICHITA EAGLE-BEACON (KS) June 6, 1987 p. A;1

...fleet and canceled about 20% of its flights, due to an FAA order not to **delay** certain **repairs** on its **airplanes**. The airlines grounded 18 of its fleet of 54 planes, and made other arrangements for...

**28/3,K/33 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

14407295 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**TRAIN DRIVERS' PLEA TO HALT RAIL VANDALS**  
NIGEL DANDO  
BRISTOL EVENING POST , EP Greater Bristol ed, p24  
August 18, 2000  
JOURNAL CODE: FBEP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 364

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 1999 and last March.

It said the bill came to GBP45 million in terms of **repairs** , **train delays** , staff costs and anti-vandalism publicity campaigns.  
The firm's managing director, Mike Carroll, said...

**28/3,K/34 (Item 2 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

13457104 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Railtrack's Pounds 8bn Safety Boost ' Means No More Excuses'**  
RAY MASSEY  
DAILY MAIL, p17  
October 24, 2000  
JOURNAL CODE: FDM LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 672

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... replied that the firm would not be 'Whacked' with heavy fines if it gave the **train** operator sufficient notice of **repairs** .

Critics insisted, however, that his 'Carrot-and-stick' approach would not improve safety.

Tory transport...

**28/3,K/35 (Item 3 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

1230-Aug-0411:13 AM

11429669 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**ARBORTEXT:** Arbortext XML e-content software helps Volkswagen of America maximize web to deliver service information to dealerships; Same-day information now available to service repair centers for speedy, accurate repairs

M2 PRESSWIRE

June 09, 2000

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 538

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... their direct customers.

"Publishing information to the Web allows us to make new service and repair information available without significant delay," said Dirk Beth, technical information resource, IT project specialist at Volkswagen of America.

"Being able..."

28/3,K/36 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

11353018 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**RAILTRACK CLASH OVER pounds 2BN BILL**

MATTHEW FLETCHER

MAIL ON SUNDAY (UNITED KINGDOM)

June 04, 2000

JOURNAL CODE: FMOS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 483

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... that, despite the extra investment, Railtrack has dragged its feet on meeting targets for improving train delays and repair - ing broken rails. He is considering fining the company pounds 10 million for failing to...

28/3,K/37 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

11102537

**Road toll costs Australia \$2 billion**

Jordan Baker

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (AGE) , p6

May 19, 2000

JOURNAL CODE: WTAG LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 99

... The overall road accident bill is \$15 billion, which goes on factors such as time delays , long-term care, vehicle repairs and lost work time. A spokesman for the Bureau of Transport Economics said the figures...

Search Report from Ginger R. DeMille

**28/3,K/38 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

10918170 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Israelis and their dreams**

**Alan Teff<br><br>Airplane mechanic, 63 years old**

SECTION TITLE: Special Pope

Saguy Green

HA'ARETZ

May 09, 2000

JOURNAL CODE: WHTZ LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1164

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... for a change, the views of someone on the team responsible for those last-minute **repairs** .

"Takeoff **delays** are a nightmare for us too. There's tremendous pressure on you, management stands over...

**28/3,K/39 (Item 7 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09808719 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Makers hurt themselves by cutting technicians' pay on warranty work**

DONALD L. HALL

AUTOMOTIVE NEWS, p14

February 28, 2000

JOURNAL CODE: WCAN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 473

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is unconscionable to expect their franchised dealers to subsidize their mistakes through below-cost warranty **repairs** .

Again, I commend those ~~car~~ and truck makers who have developed and support technician and education programs.

But at the...

**28/3,K/40 (Item 8 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

07108445 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Railways: Have we learned anything?**

LEICESTER MERCURY , Leicester Mercury (LMerc) ed, p6

September 08, 1999

JOURNAL CODE: FLCM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 289

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... long journey, promotion of one company's route instead of offering alternative, cheaper companies, price **fixing** between railway owners and

Search Report from Ginger R. DeMille

train operators.

The passenger is not getting good value and is being treated with scorn.

This...

28/3,K/41 (Item 9 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

07021318 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**ITALY: GARAGE EQUIPMENT MARKET (1)**

INDUSTRY SECTOR ANALYSIS

July 27, 1999

JOURNAL CODE: FISA LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3649

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... certification procedures, among others. New regulations on the compulsory periodic overhaul of vehicles have compounded **delays** in servicing and **repairs**, exposing a dire need to renew a vehicle fleet that is one of the oldest of road).

Restructuring of market:

The **vehicle repair** market in Italy is undergoing a thorough restructuring, similar to that affecting all countries with...

28/3,K/42 (Item 10 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03498891 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**SCOTIA CAPITAL MARKETS: Uni-Select revenues to soar**

**Auto parts wholesaler may double 1997 revenues by 2000**

SECTION TITLE: What the brokers say

INVESTORS DIGEST, p678

November 20, 1998

JOURNAL CODE: FIDT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 389

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the U.S. A weaker dollar should have a minimum negative effect, as consumers could **delay automotive repairs**.

28/3,K/43 (Item 11 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02719863

**Air Botnia suffering from growing pains (Air Botnia karsii kasvukivuista)**

KAUPPALEHTI, p5

September 03, 1998

JOURNAL CODE: WKAU LANGUAGE: Finnish RECORD TYPE: ABSTRACT

WORD COUNT: 110

Search Report from Ginger R. DeMille

Finnish SAS subsidiary Air Botnia has lately been suffering from growing pains. **Delays** to **aeroplane repairs** and the delivery of new planes have been causing problems in passenger schedules. Changes have...

28/3,K/44 (Item 1 from file: 476)

DIALOG(R) File 476: Financial Times Fulltext

(c) 2004 Financial Times Ltd. All rts. reserv.

0005541443 BOAJ4AIAA8FT

**UK News (Employment): London Underground finance director quits as crisis forces cuts**

RICHARD TOMKINS, Transport Correspondent  
Financial Times, P 10

Wednesday, October 31, 1990

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 250

...round of cuts and delays in investment, including the withdrawal of all Boxing-Day services, **delays** to the **repair** of broken-down Victoria Line **trains**, cuts in recruitment, and delays to station modernisation programmes.

London Underground is to undergo an...

28/3,K/45 (Item 1 from file: 634)

DIALOG(R) File 634: San Jose Mercury

(c) 2004 San Jose Mercury News. All rts. reserv.

10015114

**RAIL-TRACK REPAIR WILL CLOSE AVENUE**

San Jose Mercury News (SJ) - Friday, January 15, 1999

By: Mercury News Staff and Wire Reports

Edition: Peninsula Section: Local Page: 2B

Word Count: 126

TEXT:

... railroad tracks from 9 p.m. today through 4 a.m. Monday for grade crossing **repair** work. The work will **delay trains** up to 15 minutes through Sunday evening, said Rita Haskin, Caltrain spokeswoman.

28/3,K/46 (Item 2 from file: 634)

DIALOG(R) File 634: San Jose Mercury

(c) 2004 San Jose Mercury News. All rts. reserv.

07858169

**BILL WOULD DELAY HIKE IN CAR SMOG- REPAIR FEE**

San Jose Mercury News (SJ) - Friday, December 23, 1994

By: Mercury News Wire Services

Edition: Morning Final Section: California News Page: 3B

Word Count: 114

**BILL WOULD DELAY HIKE IN CAR SMOG- REPAIR FEE**

28/3,K/47 (Item 3 from file: 634)

Search Report from Ginger R. DeMille

DIALOG(R) File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

07021147

**GALILEO'S ANTENNA IS STILL STUCK PROBLEM WILL HURT MISSION TO JUPITER**

San Jose Mercury News (SJ) - Thursday, January 21, 1993

By: Associated Press

Edition: Stock Final Section: Front Page: 3A

Word Count: 423

DESCRIPTORS: US; SPACE; VEHICLE ; REPAIR ; DELAY

28/3,K/48 (Item 4 from file: 634)

DIALOG(R) File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

06634006

**DARING SPACEWALK SET UNPRECEDENTED MISSION TO SAVE SATELLITE ENTHRALLS  
NATION**

San Jose Mercury News (SJ) - Wednesday, May 13, 1992

By: Knight-Ridder News Service

Edition: Stock Final Section: Front Page: 1A

Word Count: 1,008

DESCRIPTORS: US; SPACE; VEHICLE ; DELAY ; SATELLITE; REPAIR

28/3,K/49 (Item 5 from file: 634)

DIALOG(R) File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

06171191

**WEATHER SATELLITE UPGRADE IN TROUBLE FLOW OF INFORMATION TO PUBLIC  
THREATENED**

San Jose Mercury News (SJ) - Wednesday June 19, 1991

By: R.A. ZALDIVAR, Mercury News Washington Bureau

Edition: Morning Final Section: Front Page: 8A

Word Count: 366

DESCRIPTORS: US; WEATHER; SPACE; VEHICLE ; REPAIR ; DELAY

28/3,K/50 (Item 6 from file: 634)

DIALOG(R) File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

06050109

**SHUTTLE LAUNCH THREATENED BY CRACKS IN DOOR HINGES**

SAN JOSE MERCURY NEWS (SJ) - Tuesday February 19, 1991

By: Associated Press

Edition: Stock Final Section: Front Page: 4A

Word Count: 472

DESCRIPTORS: US; SPACE; VEHICLE ; TRIP; DELAY ; DEFECT; REPAIR

28/3,K/51 (Item 7 from file: 634)

Search Report from Ginger R. DeMille

DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

05750317

**SHUTTLE ENGINEERS BELIEVE LEAK PROBLEM IS EASILY FIXED**  
SAN JOSE MERCURY NEWS (SJ) - Thursday, September 6, 1990  
By: Associated Press  
Edition: Stock Final Section: Front Page: 4A  
Word Count: 392

DESCRIPTORS: US; SPACE; VEHICLE ; FUEL; EQUIPMENT; REPAIR ; TRIP; DELAY

28/3,K/52 (Item 8 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

05739209

**NASA READY TO TRY AGAIN TO LAUNCH COLUMBIA**  
SAN JOSE MERCURY NEWS (SJ) - Sunday, August 26, 1990  
By: Associated Press  
Edition: Morning Final Section: Front Page: 5A  
Word Count: 391

DESCRIPTORS: SPACE; VEHICLE ; REPAIR ; DELAY ; TRAVEL

28/3,K/53 (Item 9 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

05662084

TRAIN , REPAIR MACHINE COLLIDE, DELAY AMTRAK  
SAN JOSE MERCURY NEWS (SJ) - Sunday, June 10, 1990  
By: Associated Press  
Edition: Morning Final Section: Front Page: 9A  
Word Count: 197

TRAIN., REPAIR MACHINE COLLIDE,, DELAY AMTRAK

28/3,K/54 (Item 10 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

05631200

**SHUTTLE COOLING VALVE, FAULTY REPAIR WILL DELAY COLUMBIA LAUNCH 2 TO 3 WEEKS**  
SAN JOSE MERCURY NEWS (SJ) - Thursday, May 10, 1990  
By: Associated Press  
Edition: Stock Final Section: Front Page: 10A  
Word Count: 165

DESCRIPTORS: US; SPACE; VEHICLE ; REPAIR ; DELAY

28/3,K/55 (Item 11 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2004 San Jose Mercury News. All rts. reserv.

Search Report from Ginger R. DeMille

04556657

**SHUTTLE-LEAK DECISION TO FOLLOW TEST-FIRING**

SAN JOSE MERCURY NEWS (SJ) - Monday, July 18, 1988

By: Associated Press

Edition: Morning Final Section: Front Page: 12A

Word Count: 476

DESCRIPTORS: US; SPACE; PROGRAM; VEHICLE ; TEST; REPAIR ; DELAY

**28/3,K/56 (Item 1 from file: 636)**

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

04192099 Supplier Number: 54830398 (USE FORMAT 7 FOR FULLTEXT)

**EOM; Good maintenance is not an accident.**

McGoldrick, Paul

Broadcast Engineering, pNA

May, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 859

... content. I have known a number of extremely well-paid auto technicians who admit that **repairing vehicles** is no longer the fun it used to be.

Fault diagnosis using the data made...

...are often caused by a fault in another location, a cascade effect that confuses and **delays repairs**. Simply replacing pieces until something relative to the problem changes is an expensive, and unfortunate...

**28/3,K/57 (Item 2 from file: 636)**

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03208514 Supplier Number: 46577634 (USE FORMAT 7 FOR FULLTEXT)

**FAA URGED TO CLOSE LOOPHOLE ALLOWING FLIGHTS WITH A BROKEN FDR**

Air Safety Week, v10, n30, pN/A

July 29, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 533

The board recommended that the FAA allow flight with an inoperative FDR only when an **airplane** is not at a suitable **repair** facility, for a period not to exceed three days. Currently, an airplane can remain in...

...flew daily round trips out of JFK, the airline's maintenance hub, without performing the **repair**. Although the **delay** in repairing the FDR was not responsible for investigators only being able to retrieve scrambled ...

**28/3,K/58 (Item 3 from file: 636)**

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

1930-Aug-0411:13 AM



Search Report from Ginger R. DeMille

03057492 Supplier Number: 46245575 (USE FORMAT 7 FOR FULLTEXT)

**RULES AND REGULATIONS: Air Raids Tejas Tests Gov.'s I/M Plan**

Texas Environmental Insider, v2, n4, pN/A

March 25, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 866

... also calls for various waivers and extensions that will enable many motorists to escape or **delay repair** costs. The Minimum Expenditure Waiver will allow a motorist to forego compliance with the control...

...waivers, as well as the Parts Availability Time Extension (which provides a grace period for **vehicles** which need **repair** parts that are temporarily unavailable), will be allowed once per test cycle. The Low-Income...

**28/3,K/59 (Item 4 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02428170 Supplier Number: 44830496 (USE FORMAT 7 FOR FULLTEXT)

**Mission control**

Military Space, v11, n14, pN/A

July 11, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 262

... personnel.

\* \*  
Some DOD officials told the GAO that current launch responsiveness is too low.

These **delays**, caused by pad **repair**, payload processing and **vehicle** assembly, usually last 60 to 90 days.

"However, some commercial representatives believe the response time...

**28/3,K/60 (Item 5 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02011903 Supplier Number: 43630570 (USE FORMAT 7 FOR FULLTEXT)

**ORBITAL HOPES TO QUIET CRITICS WITH LAUNCH**

Mobile Satellite News, v5, n2, pN/A

Feb 3, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 381

... Feb. 2 Delta launch has a Navstar Global Positioning System (GPS) Block 2A satellite payload.

**Repair Causes Pegasus Launch Delay**

A Jan. 7 attempt to lastponed because the booster's vertical fin moved 30 degrees...

...from Dryden Flight Research Facility in California to the Kennedy Space

Search Report from Ginger R. DeMille

Center in Florida. The **vehicle** was returned to Dryden for **repair**.

The company engineers determined the adhesive substance used to ensure immobility of the joint between...

**28/3,K/61 (Item 6 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01270768 Supplier Number: 41382804 (USE FORMAT 7 FOR FULLTEXT)

**NASA Watch: NASA Administrator Richard Truly**

Space Business News, pN/A

June 11, 1990

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 108

NASA officials say the orbiter will have to roll back to the **vehicle** assembly building for **repairs**. A rollback could **delay** the mission long enough to change the launch manifest. An Oct. 5 date for the...

**28/3,K/62 (Item 7 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01032609 Supplier Number: 40454802 (USE FORMAT 7 FOR FULLTEXT)

**FLIGHT READINESS FIRING SLATED FOR LATE JULY**

Satellite News, v11, n30, p3

July 25, 1988

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 177

... the launch, fix the leak on the pad, or take the Discovery back to the **Vehicle** Assembly Building for **repair**. The latter could **delay** the scheduled Sept. 6 flight for as long as 2 months, but the operation may...

**28/3,K/63 (Item 8 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01031901 Supplier Number: 40449811 (USE FORMAT 7 FOR FULLTEXT)

**NASA WILL GO AHEAD WITH SSME FRF**

Defense Daily, v159, n12, pN/A

July 19, 1988

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 177

... the launch, fix the leak on the pad or take the Discovery back to the **Vehicle** Assembly Building for **repair**. The latter could **delay** the scheduled September 6 flight for as long as two months, but the operation is...

**28/3,K/64 (Item 1 from file: 810)**

Search Report from Ginger R. DeMille

DIALOG(R) File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0789123 BW0079

**SMOG CHECK CHANGES: New Smog Check Legislation Takes Effect Jan. 1;  
Provisions Include Exemptions, Repair Cost Assistance**

December 23, 1997

Byline: News Desks and Automotive Writers

...caps and extensions  
available to other drivers. Drivers of gross polluting vehicles may  
register their cars immediately and delay required emissions repairs  
until their next Smog Check if they make a maximum of \$450 in  
repairs, or...

28/3,K/65 (Item 1 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0822370 SF018  
**AAA OFFERS RECALL TIPS TO AFFECTED CONSUMERS**

DATE: May 22, 1995 15:45 EDT WORD COUNT: 375

...dealer which services their model and ask for help.

Because of the high number of vehicles involved, actual repairs  
may  
not be able to be made on all affected vehicles immediately. Local  
dealers will probably schedule specific times to inspect vehicles and,  
if necessary, perform repairs. Ordering of necessary parts for affected  
models may also delay actual repairs in some cases.

Consumers should not expect to be provided free loaner vehicles  
while recall repairs are made.

If the safety belt buckle release button is cracked or otherwise  
appears to...

28/3,K/66 (Item 1 from file: 13)  
DIALOG(R) File 13:BAMP  
(c) 2004 The Gale Group. All rts. reserv.

1141778 Supplier Number: 02196389 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Successful Warranty Management**

(Good warranty management, which can be broken down into 3 levels, is an  
essential part of a fleet management program; level one regards warranty  
recovery as insurance to protect the fleet from catastrophic failure  
costs)

Article Author(s): Fisher, Ben  
Commercial Carrier Journal, v 156, n 10, p 132-138  
October 1999  
DOCUMENT TYPE: Journal ISSN: 0734-1423 (United States)

2230-Aug-0411:13 AM

Search Report from Ginger R. DeMille

LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3043

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...amount of resources applied to warranty.

Another method is to complete random reviews of all **fleet repairs** completed in a given **time frame**. Identify **repair** dollars spent that may have been covered by warranty had they been caught. The percent...

28/3,K/67 (Item 2 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2004 The Gale Group. All rts. reserv.

1039475 Supplier Number: 00997056 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Instrument repair: Make sure you're paying the right price**

(A number of questions must be asked when evaluating vendors to be sure of the quality and cost of repairing surgical instruments)

Article Author(s): Taylor, Katherine

Materials Management in Health Care, v 6, n 3, p 62+

March 1997

DOCUMENT TYPE: Journal; Guideline ISSN: 1059-4531 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1661

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...This is a matter of preference, Shelver says. If a hospital is more comfortable having **repairs** done onsite, the vendor can **train** someone on staff to do routine repairs. Alternatively, the vendor can bring its own technicians...

...instruments are being sent, because it could affect turnaround time. For example, there could be **delays** if the **repair** center is not on a major overnight delivery route. Typically, if instruments are sent out...  
?